BISHOPS

Lubricants, Sealants & Chemicals

6

Suction & Transfer Guns, Syphon & Lever Pumps 166
Grease Guns 167–168
Grease Systems, Pumps & Control Vales 169–170
Grease Couplers, Fittings & Nipples 171–172
Oil, Chemical & Fuel Pumps 172–176
Filters, Flow & Fuel Meters 176–177
Fuel Nozzles, Kits & Storage 178
Oils & Grease 179–182
Spray & Wire Rope Lubricants 182
Anti-Seize & Lanolin Based Lubricants 183–184
Spray Lubricants, Protectants & Sealants 184–187
Degreasers, Cleaners & Coolant 188–189
Cutting Fluids & Compounds, Welding Compounds ... 190–191
Solvents 191–192
Foam, Gap Filler, Silicone, Sealants & Adhesives 192–195
Caulking Guns, Glue & Adhesives 196–197
Thread Sealants & Lockers, Retaining Compounds .. 197–198
Primers & Repair Products 198–203
Rubber Insertion, Gasket & Packing 203–205
Gasket Sealants, Compounds & O-Rings 206–207

Suction Gun, Transfer Gun, Syphon Pumps & Lever Pump

Suction Gun

GROZ

SG/11-BL

- A rugged transfer gun designed for transferring gear oils in and out of gear boxes, transfer cases and differentials
- Deluxe lip seal provides maximum suction
- Steel barrel in premium powder coated finish
- Fully serviceable
- No priming required
- Suitable for use with non-corrosive liquids
- Comes with 300mm flexible vinyl hose
- Capacity: 500ml

68502030

Plastic Syphon Pump

GROZ

SPH/1

- Easy to use, polyethylene pumps siphon liquids to lower levels than the height at which the pump is installed
- Easy to prime and start within 6–7 strokes
- Pump requires no further operation and keeps working in auto position, emptying the media being pumped
- All pumps are equipped with a vent cap on top, opening the cap stops the discharge
- Supplied complete with flexible corrugated discharge tube
- Recommended for use with water-based fluids, detergents, waxes, soaps, antifreeze, some mild acids, and other liquids compatible with pump materials of construction
- 6.5ltr/min
- 1½" bung
- Suits 5–20ltr pails
- 551mm discharge hose
- Polyethylene wetted components

68570220

Dual Direction Transfer Gun

GROZ

SG/20

- Draws in and pumps out liquid in a single stroke
- Easy and safe answer to fluid transfer, especially useful in transferring media unsafe for body contact
- Non-denting heavy aluminium gun body
- Aluminium suction head and piston with Viton piston rings
- Complete with 1.2m vinyl hose on each valve
- Wetted components made from aluminium, brass, viton, PVC
- Suitable for use with fuel oils, mineral oils, synthetic and biological oils, petrol, cooling liquids, water, antifreeze, spirits and brake fluids

68502032

Plastic Lever Pump

GROZ

PLP/02

- Convenient and comfortable design to pump thick oils without excessive fatigue
- Versatile for use with water based media, high viscosity oils, agricultural and select chemicals
- Built-In 2" bung adaptor and anti-siphon vent cap
- Lock nut allows for pump position to be easily adjusted
- Complete with suction tube and flexible corrugated discharge hose
- Wetted components made from polyacetal, polypropylene, polyethylene, PVC and viton
- Should only be used with non-flammable liquids and must never be used for fuel transfer or with thinners and solvents
- Delivers 500ml per stroke
- Drum capacity: 50–205ltr
- Hose: 2m x ¾" ID

68570060

Plastic Syphon Pump

- Quick action pump, easily fills or empties kerosene, light oils, gasoline and various water-based solvents
- Air vent controls siphoning
- Pumps to higher levels and siphons to lower levels
- Maximum fluid temperature: 60˚C
- Wetted parts: Polyethylene
- Maximum viscosity: 500 SSU
- Flow: 26.5ltr/min
- Mounting: 2" MNPT Bung adaptor for 55, 115 and 205ltr containers
- Suction tube: ⅞" ID, 1" OD
- Suction tube length: 0.86m
- Discharge tube: 15⁄16" ID, 1 1⁄16" OD
- Discharge length: 1.2m

68570240

Find Spill Control Waste Bags in the Safety Equipment & Consumables section, page 66

Push, Pistol & Trigger Action Grease Guns

Push Type Grease Gun

GROZ

G6P

- For use with bulk grease only
- Steel body construction and compact in size
- Ideal for greasing impact wrenches, lawn mowers, chain saws, trailers, ATVs and other vehicles
- Comes complete with universal connector
- Max. pressure: 1,000psi (69bar)
- Bulk capacity: 30cm³

68502010

Trigger Action Grease Gun

Alemlube

660AN

- Capable of generating grease pressures of up to 8,500psi
- Coarse thread on barrel assembly eliminates cross threading during cartridge changeover
- Unique Twin Lock System eliminates the possibility of dummy lubrication
- Patented Ever-Flow System enables the gun to be used with thick tacky greases even at low temperatures
- Lightweight and compact aluminium die cast head assembly
- Three way loading
- Delivers up to 1.1g of grease per stroke when on the high volume setting
- High volume/high pressure setting results in quicker and more effective greasing
- One hand operation
- **Includes:** 4 jaw coupler and flexible 30mm long extension

68502036

Mini Deluxe Pistol Grease Gun

GROZ

G-16/B

- Convenient one hand operation
- Powder coated finish
- Complete with 4" steel extension and 4 jaw coupler with ball check
- Cartridge capacity: 85g
- Max. pressure: 3,500psi
- Bulk capacity: 120cm³
- 0.40g/stroke
- ⅛" BSPT

68502110

Pistol Grip Grease Flexiguns™

macnaught

- Pistol grip design for easy one handed operation
- Suitable for cartridge and bulk fill applications
- Heavy-duty design and construction facilitates effortless pressure building and ensures long usage life
- Lock the plunger rod into the follower for easier bleeding
- Delivery pressure up to 68,900kPa (10,000psi)
- **Includes:** Flexible 230mm high pressure extension hose and KY Supergrip™ 3 jaw coupler

K29-01

Product Code	Description	Part Number
K29-01	K29 Flexigun – Suits 450g Grease Cartridges or Bulk Filling	68502120
K32-01	K32 Flexigun – Suits 400g Grease Cartridges or Bulk Filling	68502125

Vario' Premium Pistol Grip Grease Gun

GROZ

G65F-HP/B

- Ergonomic one hand operation
- Unique variable stroke mechanism for both high volume and high pressure applications
- Solid 11mm diameter piston for more grease per stroke
- Drop-resistant pistol assembly
- Robust aluminium die cast grease gun head with bulk filler
- Rolled cylinder threads offer maximum strength
- Suitable for use with NLGI 1, 2 and 3 grease
- Complete with 300mm flexible hose and professional 4 jaw coupler with ball check
- Cartridge capacity: 400g
- Max. pressure: 6,000psi
- Bulk capacity: 500cm³
- ⅛" BSPT

68502039

450g Grease Gun & Accessories Kit

Alemlube

660ANK2

- Includes a 660AN trigger action grease gun (4 year warranty)
- Grease pressures of up to 8,500psi (586bar)
- Delivers up to 1.1cc of grease per stroke on the high volume setting
- Heavy duty carry case protects all components from dirt and contamination
- Ideal for greasing difficult to access lube points
- Convenient on-the-go, on demand greasing solution

Includes:

- 30cm flexible extension
- 90° adaptor with coupler
- Injector needle
- Needle hose adaptor
- 3 and 4 jaw couplers

68502045

Pistol Grease Gun

GROZ

G4F/PST/B

- Designed for use in confined spaces or where access to grease nipple is restricted
- Heavy duty aluminium die cast head and super strong pistol grip handle
- Robust barrel, heavy duty follower spring, CNC machined grease gun head, and large rolled threads for fast and easy re-loading
- Complete with 300mm flexible hose and professional 4 jaw coupler with ball check
- Head fitted with steel block nut
- Max. pressure: 5,000psi (345bar)
- Cartridge capacity: 450g
- Bulk capacity: 650cm³
- ⅛" BSPT

68502038

Heavy Duty Grease Gun

GROZ

G4R/HD/B

- Designed for punishing day-in and day-out heavy industrial applications
- Variable stroke feature built in for use in confined areas
- High tolerance aluminium die cast grease gun head incorporates bulk loader and air bleeder valve
- Robust barrel, heavy duty follower spring, CNC machined grease gun head, large rolled threads for fast and easy re-loading
- Complete with 150mm steel extension and professional 4 jaw coupler with ball check
- Max. pressure: 10,000psi (690bar)
- Cartridge capacity: 450g
- Bulk capacity: 650cm³
- ⅛" BSPT

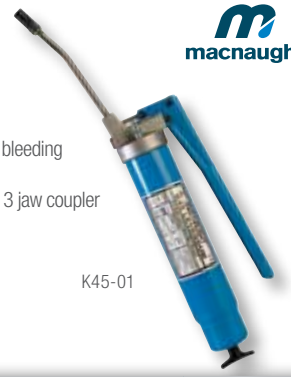
68502042

Leaver Action, Air Operated, Battery & Cordless Grease Guns

Lever Action Grease Leveguns™

macnaught

- Suitable for cartridge and bulk fill applications
- Heavy duty design and construction facilitates effortless pressure building and ensures long usage life
- Lock the plunger rod into the follower for easier bleeding
- Delivery pressure up to 82,750kPa (12,000psi)
- **Includes:** Rigid extension and KY Supergrip™ 3 jaw coupler



K45-01

Product Code	Description	Part Number
K45-01	K45 Levergun – Suits 450g Grease Cartridges or Bulk Filling	68502130
K40-01	K40 Levergun – Suits 400g Grease Cartridges or Bulk Filling	68502135

18V Battery Grease Gun

lubemate

L-BG18V

- Battery operated grease gun for use with 450g grease cartridge or bulk filling
- Fitted with block nut and air release valve
- Develops 51,700kPa (7,500psi) and delivers 50g/min
- **Includes:** 1,000mm high pressure hose and coupler, battery charger, spare battery and shoulder strap

68502145

Lever Action Grease Gun

Alemlube

600A

- Develops grease pressures up to 12,000psi
- Coarse thread on barrel assembly eliminates the possibility of cross threading during cartridge change over
- Delivers up to 1.6g of grease per stroke
- Patented Ever-Flow System enables the gun to handle thick biodegradable greases even at low temperatures
- Large diameter piston with a long lever travel facilitates high volume greasing
- High volume, high pressure greasing guaranteed
- Unique Twin Lock System eliminates the possibility of dummy lubrication

68502040

18V Cordless Grease Gun

Alemlube

670AN3

- Grease pressure of up to 8,000psi
- Delivery rates of up to 170g/min
- Second battery included
- One hour fast charge
- Remaining charge and fault indicator
- Lithium-ion battery for extended use
- Up to 24 x 450g cartridges per charge
- Ergonomic and lightweight at just 3.5kg
- The key to efficient plant and machinery greasing

68502147

Air Operated Grease Gun

GROZ

PGG/4R/B

- Intermittent action providing grease discharge with every press of trigger
- Ideal for use in factory maintenance, agricultural applications, fleet service or for use on trucks connected to vehicle air brake compressors
- Each gun supplied with a male quick coupler fitting
- Air operating range: 40–120psi (3-8bar)
- Air compressor volume: 1cfm/0.026 cubic metre and above
- Complete with 150mm steel extension and professional 4 jaw coupler
- Pressure ratio: 40:1
- Air inlet: ¼"NPT(F)
- Cartridge capacity: 450g
- Max. pressure: 4,000psi
- Bulk capacity: 650cm³
- ⅛" BSPT
- 0.90g/shot

68504210

Heavy Duty Grease Gun Holder

GROZ

GGH/03

- Designed specially for use on farm and construction equipment, trailers, tractors and other automobiles in high vibration environments
- Sturdy all steel construction with a four bolt design for easy and secure mounting
- Fitted with heavy duty spring
- Suits 57 and 63.5mm diameter grease gun barrels
- Grease gun not included

68502195

Air Operated PowerPistol™ Grease Gun

macnaught

K53-01

- Pistol grip design and air powered for easy one handed operation
- Suitable for use with 450g cartridges or bulk filling either manually or with J4 transfer pump
- Single shot operation results in very low air consumption
- Can be used with truck and bus brake system air supply
- Single shot operation results in more accurate grease usage
- Delivery pressure up to 41,400kPa (6,000psi)
- **Includes:** Flexible 230mm high pressure extension hose and KY Supergrip™ 3 jaw high pressure coupler

68502140

Take a look in the Power & Pneumatic Tools section for Engraving Pens, page 156, and Engraving Kits, page 146

Portable Grease Gun, Bucket Greasers, Transfer Pump & Grease System

Portable Greasing System

GROZ

GS/5

- Fully portable and single person operation
- Designed for workshop environments, site applications, pick-up trucks, tractors and earth moving equipment
- Foot operated pump
- A single charge provides 30 shots of grease
- Aluminium die cast super gun has high pressure and volume settings
- High pressure setting dispenses 0.45g of grease in each shot at 10,000psi
- High volume setting dispenses 1.25g per shot
- Pump assembly is fully sealed to prevent contamination
- Complete with drum cover, rubber lined follower plate, super gun with steel extension and coupler
- Also includes 5kg plastic grease bucket and a 1.5m premium high pressure hose
- Wetted components made from aluminium, steel, brass, polyurethane and nitrile rubber
- For use with grease up to and including NLGI No. 2
- Pump length below drum cover: 197mm
- Drum cover diameter: 216mm
- Follow plate dimensions: Steel end OD: 171mm, plate OD: 206mm

68502315

Bucket Greaser

GROZ

VGP/10A

- Volume grease pump designed for quick effortless greasing in applications requiring everyday lubrication such as greasing of excavators and other earth moving equipment, agricultural equipment, automotive applications etc.
- Delivers up to 9g of grease per stroke
- Fully CNC machined to very close tolerances
- Develops pressure up to 4,000psi (275bar)
- Wetted components made from steel, aluminium, brass and nitrile rubber
- Recommended for use with grease up to and including NLGI No. 3
- 10kg capacity

68502320

High Pressure Foot Operated Grease Pump

GROZ

FOP/10A

- High pressure portable grease pump for quick effortless greasing in everyday lubrication such as greasing of excavators and other earth moving equipment, agricultural equipment, automotive etc.
- Hands free operation; pump operates using the foot lever, hich greatly reduces effort and allows high pressure greasing with highest comfort
- Can be operated by hand when under low machinery
- Moving parts create wave action in grease, removing air pockets and eliminating the use of a follower plate
- Delivers over 2g of grease per stroke
- Develops pressure up to 8,700psi (600bar)
- Suitable for use with NLGI 1, 2 and 3 greases
- Wetted components made from steel and nitrile rubber
- 10kg capacity

68502322

Professional Grease Transfer Pump

GROZ

J2-03/BL/B

- Extra heavy duty construction
- Ideal workshop tool combining economical bulk grease purchasing with the portability of a hand operated grease pump
- Suitable for bulk filling grease guns, as well as transfer of grease from large to small containers
- Solid cast aluminium pump head, ergonomic steel pump handle, solid steel drum cover with lift handle and rubber lined follower plate
- Brass piston rings for minimal wear
- Variable handle setting for increased convenience in use with light and heavy greases
- Fully sealed to prevent contamination
- Comes with female loader adaptor, suitable for 9mm straight loader fittings
- Recommended for use with grease up to and including NLGI 3
- For use with 20kg pails
- Pump length below drum cover: 310mm
- Drum cover diameter: 310mm
- Follower plate dimensions: Steel end OD: 238mm, Plate OD: 293mm, I.P. Plate: 31.4mm

68502335

P3 Powerlube™ Air Operated Grease System

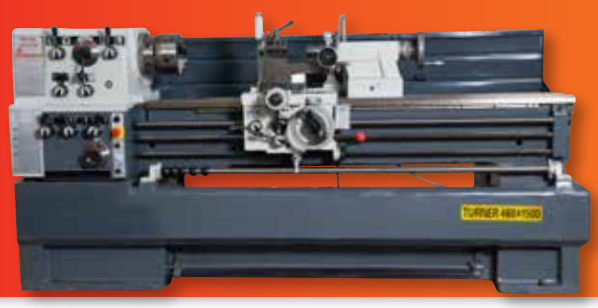
macnaught

P3-01C

- Premium quality, reliable 50:1 air operated greasing system
- Adjustable collar system allows use with grease pails from 16–25kg
- Quiet low air consumption air motor does not need lubrication
- Delivers up to 460g/min with grease pressure able to be boosted up to 10,000psi
- Suitable for underground mining applications
- **Includes:** Lid, follower, 4m grease hose and B2 Booster grease gun

68504220

Find Lathes in the Workshop, Machinery & Construction Equipment section, pages 114–115



Air Operated Grease Pumps, Grease Lubricators & Grease Control Valves

Air Operated Grease Ratio Pump 50:1

GROZ

GP1/ST/501/BSP

- World-class industrial high pressure pump with guaranteed performance and hassle-free operation
- Dispenses grease at pressures up to 50 times the air inlet pressure
- Designed to work in tough conditions. Suitable for use in industry, workshop, farm and construction applications
- All metal construction, fully CNC machined with hardened wear resistant moving parts
- Reciprocating piston-operated air motor
- Fitted with strainer at suction tube inlet providing clean grease to the bearing
- Supplied complete with drum cover, rubber lined follower plate, 2.1m of high pressure grease hose, Z swivel and professional grease control valve
- Wetted components made of steel, brass, aluminium and polyurethane
- Recommended for use with light and self-collapsing grease up to NLGI No. 2
- For use with 20kg pails
- Suction tube: 440mm
- Working pressure: 30–150psi (2–10bar)
- Max. air pressure: 150psi (10bar)
- Max. outlet pressure: 7,500psi (500bar)
- Air inlet connection: ¼" BSP(F)
- Pump outlet connection: ¼" BSP(F)
- Air consumption: 230ltr/min (61gpm)
- Grease output: 1.1kg/min
- Noise level: 81db

68504240

Alemite 180kg Air Operated Grease Pump

Alemlube

9950-D1

- 50:1 ratio double acting grease pump capable of delivery rates of up to 2kg/min
- Spool valve operation reduces maintenance costs
- Can service up to three hose reels
- Single shot or continuous flow hand piece provides greater lubrication options
- ¼"NPT(f) air inlet and ⅜"NPT(F) grease outlet
- Modular design maximises operating time

68504252

Heavy Duty Uniquip Grease Lubricators

Alemlube

- Automatically dispenses the correct amount of grease to a bearing, as required
- Large grease capacity reduces the amount of time required to undertake plant and equipment lubrication
- Increases bearing life
- Eliminates grease waste and over greasing
- Prevents the loss of production time due to bearing failure caused by over or under greasing
- Forged alloy base

Product Code	Capacity	Part Number
RF15	47g	68514975
RF30	150g	68514980

Composite Air Operated Grease Ratio Pump 50:1

GROZ

GRP/501/04

- Operates off most small compressors
- Ideal for applications having continuous need for high pressure grease in industry, workshops and farming
- Zinc construction suitable for mining applications
- 72mm diameter air motor
- Grease strainer at suction tube inlet provides clean grease to the bearing
- Can be used without an air line lubricator
- Pressure release valve prevents both the pump and system against damage created by excessive pressure
- Comes with drum cover, rubber lined follower plate , 2.1m of high pressure hose, Z swivel and professional grease control valve
- Wetted components made of zinc, hard chrome-plated steel, brass, nitrile and polyurethane rubber
- Recommended for use with light and self-collapsing grease up to NLGI No. 2 GRP/501-04
- For use with 50kg pails
- Suction tube: 688mm
- Working pressure: 60–150psi (4–10bar)
- Max. air pressure: 150psi (10bar)
- Max. outlet pressure: 7,500psi (500bar)
- Air inlet: ¼" NPT(F)
- Pump outlet: ¼" NPT(F)
- Air consumption: 270ltr/min (72gpm)
- Grease output: 460g/min
- Noise level: 85dB
- Drum cover diameter: 381mm
- Follower plate dimensions:
- Steel end OD: 322mm
- Plate OD: 380mm
- Grommet ID: 27.5mm

68504250

Alemite Grease Control Valve

Alemlube

6320-3

- Heavy duty grease control valve capable of continuous flow or preset measured shots
- ¼" NPT(F) inlet thread
- The USA's industry standard grease control valve

68504270

Grease Control Valve with Booster

GROZ

APG/1-4F/B

- Provides continuous flow with pistol handle fully pressed
- Pressure boost achieved through repeated actuation of the pistol handle
- Boosts line pressure from 6,000psi to 10,000psi
- Heavy duty steel construction, provides durability and longevity
- Ergonomically designed pistol handle
- Complete with 150mm steel extension and coupler
- Inlet: ⅛" BSPT (F)
- Outlet: ⅛" BSPT (F)

86410798

Heavy Duty Hydraulic Couplers

GROZ

HC/12/4/B

- Suitable for hand operated and air operated grease guns
- Hardened body with double wall thickness to withstand high pressure without deformation
- Fully hardened spring steel jaws
- Hexagonal nut for easy tightening
- Fitted with ball check valve
- 3 and 4 jaw construction
- Pressure: 10,000psi (690 bar)

68510020

Hydraulic Swivel Coupler

GROZ

HC/SW/3/B

- Provides effective lubrication of difficult and hard to reach grease fittings
- Swivels on a full 360° rotation and locks at any 45° position
- Fully hardened jaws for extended service life
- Hardened body and joints to withstand high pressure without deformation
- Zinc plated finish
- Spring loaded ball check valve
- 3 jaw construction
- Pressure: 7,000psi (483 bar)
- Thread: ⅛" BSPT

68510040

Button Head Coupler

GROZ

HOC/1/B

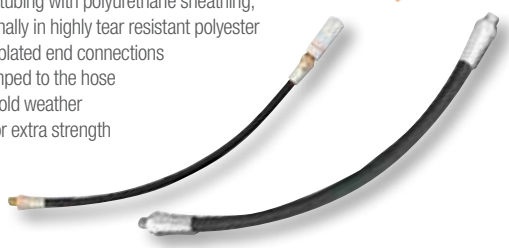
- Fixed hook-on
- Zinc die cast body
- Conveniently slide over the face of the button head fitting
- Metal seal increases resistance to wear
- Pressure: 3,000psi (207 bar)
- Suits button head fitting: ⅝" (16mm)
- Thread: ⅛" BSPT

68510030

Heavy Duty Grease Hoses

GROZ

- Polyamide inner tubing with polyurethane sheathing, reinforced diagonally in highly tear resistant polyester
- Heavy duty zinc plated end connections hydraulically crimped to the hose
- Ideal for use in cold weather
- Rolled threads for extra strength
- ⅛" BSPT



Product Code	Length	Inside Dia	Outer Dia	Working Pressure	Burst Pressure	Part Number
GHC-8/B	200mm	3.6mm	8.5mm	3,500psi	11,600psi	68512020
GHC/HP-12/B	300mm	4.1mm	10.8mm	5,800psi	13,775psi	68512030
GHC/HP-18/B	450mm	4.1mm	10.8mm	5,800psi	13,775psi	68512040
GHC/HP-20/B	500mm	4.1mm	10.8mm	5,800psi	13,775psi	68512045

Find all types of Bearings in the Bearings, Seals & Transmission Products section, pages 493–499

Grease Fittings

GROZ

- TS16949 approved manufacturing
- Heat treated to SAE J534 specification with hardness on greasing end to a minimum of 83 on Rockwell 15N scale with a case depth of 0.13mm to 0.23mm

Product Code	Description	Size	Part Number
GFT/R/1-8/28	Straight	Taper Thread, ⅛" x 28 BSPT	68514015
GFT/R/1-8/28/45	45°	Taper Thread, ⅛" x 28 BSPT	68514025
GFT/R/1-8/28/90	90°	Taper Thread, ⅛" x 28 BSPT	68514030
GFT/R/1-4/19	Straight	Taper Thread, ¼" x 19 BSPT	68514040
GFT/1-4/28-UNF	Straight	Parallel Thread, ¼" x 28 UNF	68514070
GFT/6/1	Straight	Taper Thread, 6 x 1mm	68514120
GFT/8/1	Straight	Taper Thread, 8 x 1mm	68514132
GFT/8/1.25	Straight	Taper Thread, 8 x 1.25mm	68514140
GFT/10/1	Straight	Taper Thread, 10 x 1mm	68514144
GFT/10/1/45	45°	Taper Thread, 10 x 1mm	68514145

80 Piece Metric Grease Nipple Set

GROZ

GFT/KIT/M-80

Includes:

- M6 x 1 thread: 20 x Straight, 10 x 90°
- M8 x 1 thread: 15 x Straight, 10 x 90°
- M10 x 1 thread: 15 x Straight, 10 x 90°

68514920

110 Piece Metric Grease Nipple Set

GROZ

GFT/KIT/M-110

Includes:

- M6 x 1 thread: 30 x Straight, 20 x 90°
- M8 x 1 thread: 20 x Straight, 10 x 90°
- M10 x 1 thread: 20 x Straight, 10 x 90°

68514940

Grease Nipples, Header Blocks, Oil Cans & Pumps

80 Piece SAE Grease Nipple Set

GROZ

GFT/KIT/SAE-80

Includes:

- ⅛"-27 PTF thread: 25 x Straight, 10 x 45°, 10 x 90°
- ¼"-28 SAE-LT thread: 15 x Straight, 10 x 45°, 10 x 90°

68514910

Easy Out Tools

GROZ

- Removes worn and broken grease fittings as well as re-taps holes for installing new grease fittings
- Suitable for both straight and angled fittings
- Size available to suit almost all threaded fittings

Product Code	Description	Part Number
ESO/1	Small – Hex Size: 5⁄16"(7mm)–3⁄8"(9mm) Tap Re-Threads: ¼"–28"	68590510
ESO/2	Large – Hex Size: 3⁄8"(9mm)–7⁄16"(11mm) Tap Re-Threads: ⅛"–27"	68590520

110 Piece SAE Grease Nipple Set

GROZ

GFT/KIT/SAE-110

Includes:

- ⅛"-27 PTF thread: 30 x Straight, 15 x 45°, 15 x 90°
- ¼"-28 SAE-LT thread: 20 x Straight, 15 x 45°, 15 x 90°

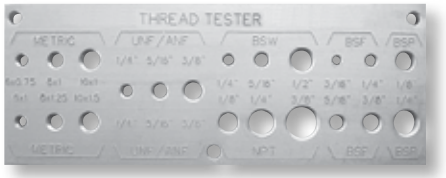
68514930

Grease Nipple Thread Tester

Alemlube

6000

- A handy tool for quickly and easily identifying the thread type of your grease nipples and other fittings
- Made from aluminium, this low cost compact and lightweight utility tool can be stored in a handy place ready for use
- Comes complete with all the common thread sizes including BSP, NPT, UNF, BSW and Metric
- Extra holes in top corners for hanging in common areas for easy access



68514945

Grease Nipple Kits

Champion Fasteners

Product Code	Description	Part Number
CA108	**Imperial – Straight & Angle Nipples – 113 Pieces** 15 Sizes: UNF, BSF, BSP & NPT Threads	40410150
CA109	**Metric – Straight & Angle Nipples – 105 Pieces** 12 Sizes: M6, M8 & M10 Diameter – Fine & Coarse Metric	40410160

Lever Type Oil Can

GROZ

MP23R/FB

- All steel construction, with the body seamless drawn from tin coated sheet
- Metal pump has two ball valves for large volume delivery per stroke
- Suction valve has no spring, preventing malfunction due to sticking
- Modern and contemporary design with premium powder coated finish
- Supplied with both rigid steel and wire braided flexible extensions
- Lever type can with deluxe brass pump
- 500ml capacity
- Rigid spout: 150mm
- Flexible spout: 175mm

68560100

Header Block Kits

Alemlube

- Suitable for remote bearing lines up to 4m
- Allows grease points to be moved to safe and convenient locations
- **Includes:** High performance polyamide tube, four ⅛" BSP elbows, 6mm fittings and grease nipples

Product Code	Description	Part Number
6134	4 Outlet	68514950
6136	6 Outlet	68514955

Stub Oil Pump

Alemlube

343025

- Double acting oil pump suitable for dispensing lubricants in large installations including multiple dispensing points with simultaneous operations
- Flow rates of up to 40ltr/min
- 10:1 ratio
- Maximum oil pressure: 1,400psi (97bar)
- ½" BSP (F) air inlet

86412060

3:1 Air Operated Oil Ratio Pump

GROZ

OP/T3/31B/BSP

- Designed to work in tough conditions and are ideal for use in industry, workshop, farm, construction or as part of the mobile oil system
- All metal construction, fully CNC machined with hardened wear resistant moving parts
- Reciprocating piston operated 63mm diameter
- Air motor stub pumps are supplied with non-return valve threaded 1" (F) for use on the bottom of the suction tube
- Pumps are single acting with discharge up to 14ltr/min
- Ideal for use with medium to high viscosity oils (up to SAE 130) for transferring over short distances (up to 30m)
- Max. oil pressure: 115psi
- Air consumption: 230ltr/min
- Wetted components made from steel, brass, aluminium, high nitrile rubber, polyurethane and turcite

68575100

Oil Piston Pump

GROZ

SLP/60

- An easy to use, highly convenient, single person operation oil pump that dispenses oils with a simple press of the trigger
- Single hand operation, requires no continuous lever/rotary pumping action
- Spring loaded design that charges the pump for continuous dispensing of media with a single charge
- A single charge gives 500ml of output
- All metal construction with built in 2" male threads into the pump head
- Pump head incorporates drain back port to minimise wastage and spillage of over flown media
- Supplied complete with 5' PVC hose fitted with an oil control gun
- Designed for use with 60ltr drum
- Steel, aluminium, zinc, brass, NBR, polypropylene and PVC wetted components
- Recommended for use with engine and gear oils up to SAE 140, automatic transmission fluids

68570085

5:1 Composite Air Operated Oil Pump

GROZ

ORP/51T/N

- Dispenses oils up to five times the pressure as the air inlet
- Suits most small compressors as small as 0.08m³
- Commonly used in workshops, farming, construction machinery or as a part of a mobile oil system
- Reciprocating piston-operated 72mm diameter air motor
- Non-corroding air motor design, no air line lubricator needed
- Built-In pressure relief valve
- Dual oil inlet threads, 1" NPT(F) and 1" UNEF(F)
- Ideal for use over distances up to 50m
- Comes with 2" bung nut and 1" telescopic suction tube
- Wetted components made from aluminium, zinc, steel, brass, nitrile and polyurethane rubber
- Recommended for use with oils (to SAE 140), ATF, diesel, kerosene and soft self collapsing grease
- Air inlet: ¼" NPT (F)
- Pump outlet: ½" NPT (F)
- Working pressure: 60-150psi (4-10 bar)
- Max. oil pressure: 145psi
- Max. air pressure: 150psi (10 bar)
- Air consumption: 270ltr/min
- Discharge: 15ltr/min

68575110

Plastic Oil Pump

GROZ

ERP/01

- Designed for dispensing oil based fluids
- Polypropylene body, rotor and veins
- Viton shaft seal and steel hardware
- Strainer protects the pump from contaminants
- Comes with threaded polypropylene suction tube and 2" bung adaptor
- Wetted components made from polypropylene, viton and steel
- Recommended for use with oil based media, antifreeze etc.
- Do not use with water based media, acids, chemicals, solvents, lacquer, gasoline
- Delivers 5ltr per 20 turns
- Drum capacity: 50–205ltr

68570320

Piston Pump

- Polypropylene plastic drum pump with stainless steel rod
- Suitable for light oils, paraffin, alcohols, water and water-based chemicals
- Flow rate: 400ml/stroke
- For use with 60–205ltr drums

68570160

20ltr Gear Oil Drum Pump

Alemlube

8828N2

- Capable of delivering up to 110ml per stroke
- Comes complete with a Reike adaptor and down tube extension allowing it to be used with 20ltr drums
- Ideal pump for the transfer of engine, gear, diff and hydraulic oils in busy vehicle servicing workshops
- Drainback nozzle holster ensures that excess oil ends up back in the drum
- UV stabilised long life hose ensures a long service life
- Delivers lubricant on the down stroke

68575106

Rubber Hoses, Oil Control Guns & Pumps

C7 Multi-Purpose Gear Oil Pump

macnaught

C7-01

- Suitable for pumping gear oils up to SAE 140 and transmission fluids
- Pumps approx. 100ml per stroke on the down stroke
- Features a built in nozzle holder, 1.8m delivery hose, delivery spout and a manual non-drip nozzle complete with manual shut off
- **Includes:** Three bung adaptors to suit various containers from 15–25ltr

68575050

Hydraulic Rubber Hoses

GROZ

HH/1.5/1-2M/1-2M/BSP

- For use with air operated oil pumps
- Hose exceeds SAE 100 R1 specification with a working pressure of 2,200psi (150bar)
- Length: 1.5m
- Inside diameter: ½"
- Outside diameter: ⅞"
- Hydraulically crimped with steel fittings with ½" (M) threads on both ends

68575120

Oil Control Gun

GROZ

OGY/S/1-2R/N

- For use with air operated oil pumps up to 6:1 pressure ratio
- Gun dispenses by simple press of the trigger
- Built-in safety and continuous flow lever, and swivel threaded at inlet for easy manoeuvrability
- Slim construction
- Recommended for use with oil, gear lube and ATF
- Do not use with water based media, gasoline etc.
- Max. pressure: 870psi (60bar)
- Working temperature range: -10C–60°C
- Inlet: ½" NPT (F)
- Wetted components made from steel, nylon, stainless steel and viton

68550108

Oil Control Gun with Mechanical Meter

GROZ

HG/40R/B

- Robust shock resistant design with aluminium die cast body and a soft shroud encasing the meter
- 6 digit accumulative totaliser (max. 999,999ltr) and single reset button
- Works on oval gear technology for highest accuracy and repeatability
- Two outlet positions for in-line and 90° dispensing
- Swivel with strainer built at the gun inlet
- Supplied complete with rigid steel extension fitted with automatic non-drip nozzle
- Recommended for use with engine oil, diesel oil, ATF, antifreeze, anti-boil and other oils up to SAE 140
- Wetted components made from aluminium, acetal, steel, nitrile rubber
- Flow range: 1–30ltr/min (0.26–8g/min)
- Max. pressure: 1,500psi (100bar)
- Operating temperature: 0–50°C
- Inlet: ½" BSPT (F)

68550110

Front Action Barrel Pump

GROZ

A2H/BL

- Unique front action operation
- Makes pumping easy and allows the pump to be used on barrels placed in corners and other inaccessible areas
- Heavy duty aluminium die cast pump head incorporates 2" bung threads
- Brass piston rings for increased life
- No riveted parts, allows 100% serviceability
- Built-in nozzle holder for convenient storage of discharge hose
- Includes 1.8m PVC nitrile delivery hose with metal nozzle, spring and hose clamp
- Comes complete with telescopic suction tube for use on 50–205ltr drums
- Delivers 250ml per stroke
- Wetted components made from steel, aluminium, brass, NBR and PVC nitrile
- Recommended for use with diesel, kerosene, heating oils, motor oils, lubricating oils (up to SAE 90), and other non-corrosive media
- Do not use with water based media, antifreeze, solvents, acids, and gasoline etc.

68570140

Ezee Flo Pumps

GROZ

- Versatile hand lift pump with plastic pull out Rieke® spout engineered for trouble free use on 20ltr containers
- Heavy duty steel suction tube, with the pump head made from high density polyethylene
- Interchangeable bung adaptors
- Pump length can be extended by 19mm for use on high depth containers, by conveniently sliding on a special plastic extension at the suction end
- Wetted components made from steel, polyethylene, derlin, PVC* (*Only on pumps supplied with hose)
- Recommended for use with engine oils, gear oils, diesel, 100% antifreeze and light fuel oil
- Do not use with water based and other corrosive media
- Pump length: 325mm

EZF/9

Product Code	Description	Part Number
EZF/10	With Rigid Steel Spout	68570020
EZF/9	With 48" Flexible Hose & Spout	68570040

Rotary Chemical Pump

GROZ

PRP/01

- Designed for use in applications where a cast iron or steel barrel pump cannot be used
- Glass filled polypropylene body with Ryton veins
- Viton seals and stainless steel hardware
- Strainer protects the pump from contaminants
- Comes with threaded polypropylene suction tube and two 2" bung adaptors for use on both plastic and metal drums
- Wetted components made from polypropylene, Ryton, viton and stainless steel
- Recommended for use with water based media, antifreeze, Urea, Adblue, DEF, Benzene, Detergents, Glycerine, acids, chemicals and all petroleum based products
- Do not use with acetone, lacquer, mineral oils, solvents and turpentine
- Delivers 5ltr per 20 turns
- Drum capacity: 50–205ltr

68570325

High Speed Rotary Pump

RP99ZB

- Aluminium alloy drum pump
- Suitable for fuels and low viscosity oils
- Has both clockwise and counter-clockwise operation
- Flow rate: 1ltr/stroke
- For use with 60–205ltr drums

68570360

Cast Iron Rotary Barrel Pump

GROZ

GNB-25T/SPL

- Features dual directional operation which allows the pump to both empty and refill containers
- Extremely heavy duty
- Sturdy cast iron body with precisely machined cast iron vanes for better draw and smoother delivery
- Comes with suction tube, 2" cast iron bung nut and discharge spout
- Wetted components made from steel, cast iron and NBR/Viton
- Recommended for use with diesel, kerosene, heating oils, motor oils, lubricating oils (up to SAE 90), and other non-corrosive media
- Do not use with water based media, antifreeze, solvents, acids and gasoline
- Delivers 5ltr per 20 turns
- Barrel capacity: 50–205ltr
- Pump inlet: 1"
- Weight: 6.6kg

68570340

High Speed Rotary Pump with Fuel Filter

- Commonly used for dispensing or transferring low viscosity and non-corrosive petroleum based fluids, such as petrol, diesel, kerosene, lube, fuel, machine oil, etc.
- Maximum viscosity: 500 SSU (or SAE 30)
- Flow rate: 1ltr/stroke
- For use with 60–205ltr drums
- Comes with filter and hose assembly

68570365

Rotary Booster Pump 3:1

GROZ

RB/3H

- Provides high volume fuel dispensing
- For every complete handle turn, the rotor turns 3 times
- Ideal for construction sites, workshops, aviation, farms/ranches, boats and more
- Die cast aluminium construction
- Sintered gear driven die cast zinc rotor and vanes
- 1.8m delivery hose with metal nozzle
- Wetted components made from aluminium, zinc, steel, NBR and PVC nitrile
- Recommended for use with gasoline, diesel fuel, kerosene and lubricating oils (up to SAE 30)
- Do not use with corrosive liquids, solvents, acids and alkalis
- Delivers 205ltr in 3 minutes
- Drum capacity: 50–205ltr

68570380

Quart/Litre Stroke Pump

GROZ

QSP/01

- Heavy duty industrial pump
- Provides an economical way of dispensing exact quantities of media per stroke
- Extremely useful in applications requiring metered delivery
- Operates on a precision rack and pinion mechanism
- Built in 2" bung adaptor
- Comes with telescopic suction tube
- Spring loaded drain back tube
- Lockable handle for security while not in use
- Lock nut for positioning the pump outlet in any direction
- Wetted components made from steel, aluminium, nitrile rubber and acetal
- Recommended for use with gear and lube oil, petroleum based media, diesel and kerosene
- Do not use with water based and other corrosive fluids
- Delivers 1ltr/1 quart per stroke
- Barrel capacity: 50–205ltr

68570350

GT RAPID FLOW High Flow Rotary Fuel Pump

macnaught

- Rotary bi-lobed diesel fuel pump
- Offers delivery in both directions and easy self-priming feature
- For 60 and 205ltr drums
- Delivers up to 100ltr/min, depending on viscosity
- Suitable for all fuels
- **Includes:** 2" bung nut, two piece suction tube, 2m delivery hose, nozzle, nozzle holder and strainer

VA-01

GT-01

Product Code	Description	Part Number
GT-01	GT RAPID FLOW High Flow Rotary Fuel Pump	68575825
VA-01	VA 10um Fuel Filter with Fittings to Suit GT-01	73301095

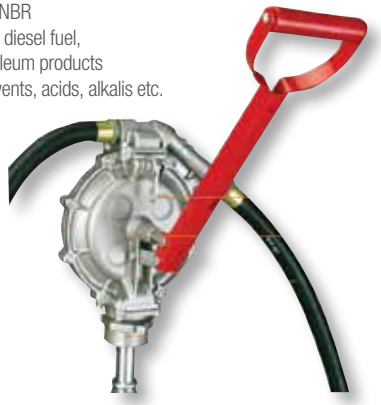
Fuel Pumps, Spout & Filters

Double Diaphragm Fuel Transfer Pump

GROZ

DPP/1

- Ideal for use where compressed air and power is not easily available, such as farms, ranches and construction sites
- Stainless steel piston and fuel resistant hi-nitrile rubber diaphragm
- Includes a 2" die cast bung adaptor and extra heavy duty steel handle with security locking latch
- Complete with telescopic suction tube with non-return valve
- Wetted components made from aluminium, steel, stainless steel, poly acetal and NBR
- Recommended for use with gasoline, diesel fuel, fuel oil, motor oil and other light petroleum products
- Do not use with corrosive liquids, solvents, acids, alkalis etc.
- Delivers 800ml per stroke
- Drum capacity: 50–205ltr

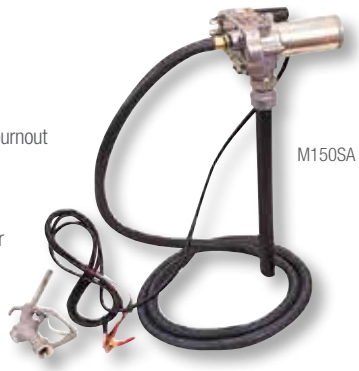


86412085

GPI Diesel Fuel Drum Pumps

Alemlube

- Gear type pump with a heavy duty cast aluminium body
- Can operate outdoor, year round with an operating temperature range of -29°C to +52°C
- Total lift capacity of 7.6m
- Duty cycle of 30min on, 30min off
- Max. flow rate: 49ltr/min
- Auto nozzle
- Dry prime of 1.7m
- In line circuit breaker prevents motor burnout
- Suitable for diesel fuel transfer only
- **Includes:** 4.6m of battery cable, 3m of antistatic delivery hose and heavy duty nozzle and lockable nozzle holster



M150SA

Product Code	Voltage	Current Draw	Part Number
M150SA	12V	8amp	68575821
M240SA	24V	9amp	68575810

Heavy Duty High Flow Electric Fuel Pump

GROZ

FPM/12/HF

- Heavy duty industrial grade high flow fuel pump designed for heavy duty usage in agricultural, construction, automotive and industrial applications
- Rain and weather proof for tough outdoor use
- Lightweight yet strong, non corroding
- Aluminium die cast construction geared pump design using precision sintered metal gears
- Geared construction makes the pump tolerant to contaminants in fuel; in addition to offering tremendous suction and minimal noise
- Duty cycle: 30min on/30min off
- Flow rate: 20ltr/min
- Wetted components made from aluminium, steel, cast iron, nylon, NBR, zinc, viton, polypropylene and PVC
- Recommended for use with gasoline, diesel, E15 fuel, kerosene, bio diesel (B20)

68575820

Spout for Rotary Pump

- Used for high speed rotary pumps to attach inline filter
- 1" BSP x 1" NPT
- 90° elbow

68595200

Fuel Filter

Alemlube

FA2N

- Fuel filter suitable for use with gravity or with hand, air or electric drum pumps
- Features a 10 micron fuel filter element, a drain cock and a replaceable clear plastic bowl
- 1" BSP inlet and outlet
- Replacement elements available

74974252

Fuel Filter for Diesel & Kerosene

GROZ

FFL/02/BSP

- Durable and lightweight design for easy installation
- Rust and weather resistant
- Filters particles at a gravity flow of 19ltr/min with a 600mm head
- Filter element has 366 square inches of filtering surface
- Translucent polypropylene bowl allows for a visual check of the filter element and provides easy removal of sediment and water
- Water block filter element also available that separates water from fuel
- Wetted components are made from aluminium, polypropylene, NBR, steel, paper element, nylon, brass
- Recommend for use with gasoline, diesel fuel and kerosene
- Do not use with water based products, gasohol, aviation fuels and racing fuels
- Filter element: 10um
- Max. working pressure: 150psi (10 bar)
- Inlet/outlet: 1" BSP(F)

68525100

Replacement Filter Elements

GROZ

- Suits Fuel Filter (FFL-02)

Product Code	Description	Part Number
FF/FFL/10-WB	10um Water Block Filter	68525110
FF/FFL/10	10um Filter	68525115

Water Separator, Filter, Flow Meter, Fuel & Oil Meters

Diesel Filter Water Separator

- Can be used in trucks, buses and generators
- Working pressure: 15psi/103kPa

Max. Flow Rate	Part Number
227ltr/hr	66560050
680ltr/hr	66560100

Filter Element

- Waterproof, rust-proof and dirt-proof
- Designed to repel water and contaminants to avoid damaging engine components
- Metal and plastic housing
- High efficiency filters with a large dust-holding capacity
- 240(l) x 113(dia.)mm

Description	Part Number
Suit Filter 500MP	66560110
Suit RC100FG Type Separator	66560120

Flow Meter

GROZ

MFM/M10/B

- Metal case
- Precsion
- Suit petrol and diesel MFM/M10,
- 1" BSP

68520035

Mechanical Fuel Meter

GROZ

FM-100/0-1/BSP

- Extremely compact, yet easy to read
- Robust aluminium die construction
- 3 port design which allow the meter to be fitted in-line or with the inlet and outlet ports at right angle
- Nutating disc mechanism offers high tolerance to fuel contamination
- For use with electric fuel pumps or gravity flow (with a minimum gravity head of 4')
- Register cap can be easily removed and rotated to every 90° orientation for display reading
- Easy user re calibration
- Works with both fuels and oils
- Recommended for use with diesel, gasoline, biodiesel, low to medium viscosity oils
- Do not use with water based media
- Wetted components made from aluminium, poly butylene terephthalate (PBT), viton and stainless steel

68520030

Mechanical Fuel Meter

Alemlube

51008

- Suitable for the metering of petrol, diesel fuel and kerosene
- Accurate between flow rates of 20ltr/min to 120ltr/min
- Mechanical gear meter accurate to ±1.0%
- Maximum working pressure: 145psi (10bar)
- Field calibration possible
- 1" BSP(F) inlet and outlet ports
- Maximum batch total 999ltr
- 6-digit cumulative total display
- Suitable for gravity feed or pump applications

68520020

GPI In Line Electronic Fuel Meter

Alemlube

01A12LM

- Suitable for petrol, diesel fuel and kerosene
- Designed for outdoor, year round use on gravity feed or fuel transfer pumps in the 10ltr/min to 100ltr/min flow range
- Ideally suited for use between pump hose and fuel nozzle
- Maximum batch total: 9,999ltr
- Maximum cumulative total: 9,999ltr
- Turbine type meter accurate to ±2.5%
- 1" BSP(F) inlet/outlet
- Maximum working pressure: 300psi (21bar)

68520025

Electronic Oil Meter

GROZ

OM-20/1-2/BSP

- High pressure positive displacement meter suitable for in-line and end of line applications
- Oval gear mechanism for optimum accuracy
- Electronic display using two 1.5V batteries
- Robust aluminium die cast construction
- Measures in litres, quarts, pints and gallons
- Easy user re-calibration
- Threads: ½" BSP(F)
- Wetted components made from aluminium, stainless steel, nitrile rubber and POM
- Recommended for use with oils with viscosity up to 5,000cSt, diesel, biodiesel
- Do not use with water based media, gasoline etc.

68520040

240V Oil Transfer Tank Pump

Alemlube

334900

- Suitable for the transfer of engine, gear, diff and hydraulic oils
- Flow rates up to 25ltr/min
- ¾" BSP inlet and outlet
- Vane type pump with sintered steel rotor and resin vanes
- Continuously rated with pressures up to 85psi

74930088

Tank Pump, Fuel Nozzles, Fuel Storage & Dispensing Kits & Tanks

Manual Fuel Control Nozzle

GROZ

FCN/S/0-1/0-1/BSP

- For use with electric fuel pumps and gravity feed applications
- All metal aluminium construction
- Fitted with continuous flow switch and hose swivel at inlet for increased manoeuvrability and convenience
- Designed for minimal back pressure and reduction in flow
- For use with diesel, kerosene and petrol
- Wetted components are made from aluminium, steel, nylon, nitrile rubber
- Spout: 160mm
- Inlet: 1" BSP(F)
- Outlet OD: 25mm

68550010

400ltr Diesel Fuel Storage & Dispensing Kit

Alemlube

40040PA

- 400ltr capacity polyethylene tank cannot dent, scratch or corrode
- Tank baffles aid vehicle stability
- Pallet lift points and recesses for tie down straps on the tank aids handling and installation
- Auto nozzle
- Max flow rate: 50ltr/min
- Tank dimensions: 800(w) x 1,630(l) x 635(h)mm
- **Includes:** 12V pump, anti-static fuel delivery hose, 2m battery cables and dispensing nozzle

62022100

Manual Fuel Nozzle

Alemlube

52007

- Suitable for gravity feed applications and applications including pressures of up to 140psi (10bar)
- Plastic shroud protects the nozzles trigger assembly and the users hands
- The lock in the open position feature saves the user time
- Hanging clip helps to reduce the possibility of diesel fuel contamination and nozzle damage
- Ideal for farm tank applications
- Max. flow rate: 150ltr/min
- Not suitable for unleaded
- **Includes:** 1" BSP swivel

68550020

600ltr Diesel Fuel Storage & Dispensing Kits

Alemlube

60080P

- 600ltr capacity polyethylene tank cannot dent, scratch or corrode
- Tank baffles aid vehicle stability
- Pallet lift points and recesses for tie down straps on the tank aids handling and installation
- Manual nozzle
- Max flow rate: 80ltr/min
- Tank dimensions: 800(w) x 2,400(l) x 635(h)mm
- **Includes:** 12V pump, anti-static fuel delivery hose, 2m battery cables and dispensing nozzle

62022103

Tank Truck Fuel Nozzles

- High flow refuelling nozzles for diesel and unleaded applications
- Flow rates from 75ltr/min to 300ltr/min
- Automatic and manual shut off option
- Also available with various swivel combinations upon request

Product Code	Description	Size	Part Number
1144DBSPT	Pressure Nozzle Auto Shut-Off with Spout	1¼" BSPT	62022105
1124DBSPT	Pressure Nozzle Auto Shut-Off with Spout	1½" BSPT	62022106
114DBSPT	Pressure Nozzle Bulk Delivery with Spout	1¼" BSPT	62022107
112DBSPT	Pressure Nozzle Bulk Delivery with Spout	1½" BSPT	62022108
DFN100HF	Fuel Nozzle High Flow 30gal/min	1" NPT	62022109
DFN100	Fuel Nozzle 20gal/min	1" NPT	62022110

Twin Skinned Tanks

Alemlube

- Consists of an internal HDPE tank surrounded by an integrated galvanised sheet steel bund
- Suitable for the storage of fresh oil, waste oil and diesel fuel
- Low centre of gravity for stability and ease of handling
- Integrated pallet for driving under with a forklift or hand forklift from any of the four sides
- 2" BSP (F) inlet ports
- Standard accessories include: filling level indicator, optical leakage detector and convenient carry handles
- Providing a practical and economical solution to the EPA's environmental concerns legislation
- Air breather available as an accessory

Product Code	Capacity	Dimensions	Part Number
75460	400ltr	730(l) x 700(w) x 1,170(h)mm	62022125
73920	1,000ltr	1,280(l) x 770(w) x 1,420(h)mm	62022130
75490	1,500ltr	1,630(l) x 770(w) x 1,950(h)mm	62022135

12V Refuelling Kit

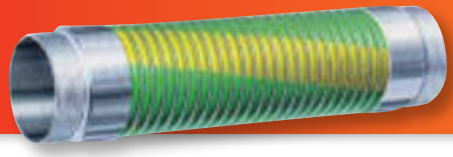
Alemlube

52000

- Maximum head capacity: 15m
- Self priming rotary vane pump includes a built-in bypass
- Duty cycle of 30min on, 30min off
- Suction capacity: Up to 2m
- Max. flow rate: 50ltr/min
- Ideal for intermittent diesel refuelling applications
- **Includes:** 4m anti-static fuel delivery hose, 2m battery cable, a stainless steel and brass fuel filter and a manual nozzle

68575822

For Fuel Transfer Hose Assemblies head to page 438 in the Hydraulics, Valves, Hoses & Fittings section



Air Tool Oil

- Suitable for oiling of air tools
- Viscosity 32 @ 40°C

Size	Part Number
250ml	70095360
1ltr	70095362

2 Stroke Oil

STIHL

- Specially developed lubricant for air-cooled two stroke engines
- Can be mixed with leaded or unleaded petrol
- The formulation utilises a mixed additive system to ensure a minimal ash deposit formation
- Contains diluent, making it easy to mix with fuel
- Controls corrosion excellently
- Minimal ring wear and piston scuffing
- Cleans burning, assisting in maintaining cleaner combustion chambers, ports and mufflers

Product Code	Size	Part Number
0781 319 8401	100ml	70090018
0781 319 8411	1ltr	70090028
0781 319 8433	4ltr	70090030
7004 871 0039	20ltr	70090040

Breaker & Hammer Air-Oil

Atlas Copco

820205102054

- For use with pneumatic breakers and hammers
- Readily biodegradable
- Anti-freezing properties
- Eliminates the need of a water separator
- 1ltr

76590560

Shell 2T Two Stroke Engine Oil

- Quality oil specifically blended for all standard two-stroke gasoline engines
- Based on a high viscosity mineral oil, it contains carefully selected additives to provide long and trouble-free performance

Product Code	Description	Size	Part Number
300010879	2T FA C6	1ltr	70090132
300011820	2T FA C3	5ltr	70090134

Hydraulic Oil

SIMPLEX

BHVI32-5

- For all hydraulic pumps, cylinders and jacks
- Includes anti-foam, anti-rust and low temperature additives
- ISO grade 32
- 5ltr

70070010

Shell Tellus S2 V 68 – Hydraulic Oil

- Uses a unique additive technology to deliver an oil life over twice the industry standards, excellent pump protection and high efficiency levels
- It is a fluid you can rely on in outdoor or cold environments as it has been designed to have a wide operating temperature range

Product Code	Size	Part Number
300011381	20ltr	70070012
300011380	209ltr	70070014
300011379	1,000ltr	70070016

SynthPlus Chain Oil

STIHL

- High-performance lubricant is extremely suitable for all moving saw chains
- Effectively protects saw chains from wear
- High temperature resistance, cutting attachments are optimally protected even from short-duration maximum thermal loads
- Smoking is inhibited
- Even at temperatures down to -20°C, STIHL chain lubricant retains its outstanding flow properties
- Selected additives prevent resinification of the cutting attachment and other treated parts

Product Code	Size	Part Number
7004 871 0262	1ltr	70095120
7004 871 0263	4ltr	70095130
7004 871 0052	20ltr	70095140

Control those spills! Grab some Portable Bunding from page 67 in the Safety Equipment & Consumables section

Compressor & Engine Oils

Shell Corena S2 P 68 – Compressor Oil

- Is a premium quality reciprocating air compressor lubricant
- It is based on a blend of specially selected base oils to provide a level of performance approaching that of synthetic oils
- May be used in breathing air compressors, provided subsidiary clean-up apparatus is used to ensure that the air produced is fit for breathing

Product Code	Size	Part Number
300011313	20ltr	70020160
300011312	209ltr	70020162

Shell HX7 10W-40

- Longer protection thanks to enhanced oxidisation resistance
- Active cleansing and protection for your car
- Up to twice as effective at removing sludge as a normal mineral oil
- It offers up to 19% more protection than other synthetic leading brands tested
- Improves fuel efficiency
- Maintains viscosity and stays in grade throughout the oil-change interval
- Helps reduce oil volatility and therefore oil consumption and the need for top-up
- Smoother, quieter drive

Product Code	Size	Part Number
300012013	1ltr	70030025
300012085	5ltr	70030026
300012084	20ltr	70030027
300012083	209ltr	70030028

Shell Rimula R4 X 15W-40

- Shell Rimula R4 X technology is designed to adapt and protect under the full range of conditions found in modern engines
- Better protection for engines with EGR
- Protective power
- Exceptional soot control
- Viscosity increase at high soot levels against the API CI-4 test limit
- Oxidation control

Product Code	Size	Part Number
300012125	5ltr	70030220
300012126	20ltr	70030230
300012124	209ltr	70030250
300012131	1,000ltr	70030255

Shell Spirax S2A 80W-90 & 85W-140

- High quality GL-5 axle oil that is blended for use in a wide variety of automotive axle units subjected to heavy conditions

Suitable for:

- Automotive transmissions, differentials
- Moderate to heavily loaded gear sets in stationary and ancillary equipment
- Hypoid gear axles
- Motorcycle gear units separate from the engine
- Other automotive transmission units operating under high speed/shock load, high speed/low torque and low speed/high torque conditions

Product Code	Description	Size	Part Number
300011354	80W-90	20ltr	70050126
300011353	80W-90	209ltr	70050128
300011359	85W-140	20ltr	70050130
300011358	85W-140	209ltr	70050150

Shell Rimula R4 L 15W-40 – Heavy Duty Diesel Engine Oil

- Shell Rimula R4 L low emissions protects against acid/corrosion, dirt/deposits and wear
- Provides excellent rocker cover cleanliness even after 750,000km on-highway service
- Provides visibly less injector screw wear compared to a competitor oil
- Enhanced through the use of high quality Group II base oils
- Virtually sludge-free

Product Code	Size	Part Number
300010731	5ltr	70030720
300010752	20ltr	70030730
300010751	209ltr	70030732
300010804	1,000ltr	70030734

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Contact us at one of our 7 locations across Papua New Guinea and the Solomon Islands

BISHOPS

sales@bishopbros.com.pg

Shell Gadus S2 V220 2

- Full extreme pressure, multi-purpose grease that provides good wear protection and bearing life
- Widely recognised and listed by leading equipment makers
- Reliable protection
- Wear protection
- Long grease life
- System efficiency

Product Code	Size	Part Number
300011613	450g	70060154
300011612	18kg	70060150
300011610	180kg	70060152

Type "A" Grease

- A natural anti-seize,lubricant and protectant that works in harsh environments
- Assembly lubricant
- Di-electric grease
- Biodegradable, non-toxic, food grade

Product Code	Size	Part Number
GS\250T	250ml Tube	32003138
GS\0500	500ml	32003140
GS\0001	1ltr	32003145
GS\0004	4ltr	32003150
GS\0020	20ltr	32003155

Shell Gadus S2 V1000 AD 2/C12

300011620

- High performance grease for the lubrication of bearings subjected to the most arduous conditions
- It is based on heavy duty part synthetic base oils and a mixed lithium/calcium soap thickener
- Contains extreme-pressure, anti-wear, anti-corrosion and adhesion additives
- The addition of molybdenum disulphide provides additional resistance to shock loading
- 450g

70020164

Graphite Powder

- Ultra-fine dry lubricant
- Suitable for use on oil-based products that attract dust
- 35g puff pack

32418005

Shell Gadus S3 V220 C 2

- Full extreme pressure, multi-purpose grease that provides good wear protection and bearing life
- Widely recognised and listed by leading equipment makers
- Significantly better corrosion protection
- Premium, high-temperature, extreme-pressure, multi-purpose grease
- Red lithium complex
- Gadus S3 V220 C provides EP protection for bearings
- Over 100 hours of bearing life during severe 140°C testing

Product Code	Size	Part Number
300011645	450g	70060010
300011648	18kg	70060012
300011646	180kg	70060014

Multi-Purpose Grease

0781 120 1109

- This grease, formulated for hedge trimmer and electric saw gear gears, adheres well to metal surfaces and thus provides extremely good protection from wear, even in extreme summer or winter temperatures
- Thanks to its high resistance to aging it retains its lubricating properties for a long time
- Excellent adhesion (grease remains at the lubricating points, even in exposed gears)
- Oxidation-stable
- Water resistant
- Ideal for all exposed gears on hedge trimmers and electric saws
- Reduces wear
- Protects from corrosion
- Can also be used as a universal grease
- 80g

70060005

Go back to pages 167–168 to find Lever, Air Operated and Push Type Grease Guns

Rubber Grease, Spray Lubricants & Wire Rope Lubricants

PBR Rubber Grease

- High performance castor oil based grease
- Suitable for the workshop
- Preserves and lubricates plastics, rubber and parts such as O-rings, valves and seals
- 110g tube

70520010

Wire Rope Spray

RY452412

- Semi-fluid grease spray containing molybdenum disulphide
- Rapidly penetrates the rope core providing protection against wear and corrosion
- Suitable for use on dock yard and mobile cranes, chair lifts, slipways and flying foxes
- 300g aerosol

32220096

Wet Film Assembly Spray – HE50

RN501516

- Oil dispersion containing 50% molybdenum disulphide
- Minimises scuffing and bearing 'pick up' during initial operating period or assembly of machined components
- Suitable for engines, gearboxes, cylinders, bearings and press fitted components
- 350g aerosol

32003015

Fluid Wire Rope Grease – RD205

RY453321

- Fluid grease containing molybdenum disulphide
- Powerful dewatering additive allows application to wet ropes
- Suitable for wire ropes, dockyard cranes, cranes, chain lifts, flying foxes and slipways
- 20ltr

70060200

Chain & Drive Spray

RY442352

- Corrosion preventative chain oil containing molybdenum disulphide
- Easy to apply aerosol designed to penetrate pins and bushes of roller chains ensures minimum wear of chains and sprockets
- Suitable for use with drive, steering, conveyor, hoist, forklift and motorbike chains
- 300g aerosol

32222250

Wire Rope Lube

HW\RL20-CUBE

- Penetrates, lubricates and protects wire ropes working in a corrosive environment, such as offshore, construction and mining
- ideal for use around waterways and environmentally sensitive areas
- 20ltr cube

32003160

Open Gear Spray

RY462402

- Grease lubricant in a convenient aerosol containing molybdenum disulphide
- Designed for lubrication and protection of open gears
- Suitable for open gears, worm gears, crown wheels, lead screws, rack and pinions
- 300g aerosol

70050710

Get cutting with Chain Saws in the Power & Pneumatic Tools section, pages 132–133

Anti-Seize & Release Agent Concentrate

Loctite Silver Grade Anti-Seize

- Heavy duty, temperature resistant, petroleum based lubricant compound fortified with graphite and metal flake
- Inert, will not evaporate or harden in extreme cold or heat
- For use in assemblies up to 870°C
- Recommended for general purpose machinery and bolt assembly, close tolerance assembly and fine threads and snug slip fits

Product Code	Size	Part Number
944870	20g Stick	32410198
76756	175g Aerosol	32410200
76732	236ml Brushtop	32410208
76741	250g Tube	32410210
76769	500g Brushtop	32410212
76731	5kg Bucket	32410225

Loctite Heavy Duty Anti-Seize

51606

- Metal free formulation provides outstanding lubrication to all metals including stainless steel, aluminium and soft metals up to 1,315°C
- Recommended for OEM specified turbine studs and bolts, ethylene and acetylene piping, petrochemical plants and environments prohibiting the use of copper

32414116

Molykote 1000 Anti-Seize

- Lead and nickel-free solid lubricant paste
- Used to reduce wear and optimise friction of metal-to-metal joints
- Provides good protection against corrosion under high loads and a wide range of temperatures
- Enables non-destructive dismantling
- Composition: Solid lubricants, mineral oil, thickener and powdered metal
- Temperature range: -30°C–650°C
- 450g

32410120

Stop-Seize Nickel

D19030

- Heavy duty, high temperature, water-repelling compound that resists corrosion and galling and reduces friction and wear in heavy pressure applications
- Suitable for use with stainless steel fasteners, industrial fasteners, valve assemblies, slides, flanges, bushings, guide pins and spindles
- 500g

32410230

Loctite 771 Nickel Anti-Seize

39163

- Copper free formulation with extreme chemical resistance, recommended for stainless steel and other metal fittings
- Prevents corrosion, seizing and galling in harsh chemical environments at temperatures to 1,315°C
- Recommended for chemical plants and oil refineries, water and sewage plants, environments where a 'clean' inert lubricant in needed

32414114

Stop-Seize Copper

D19020

- Heavy duty, high temperature, water-repelling compound that protects against seizure of metal parts
- Suitable for use with valve assemblies, conveyors, flange gaskets and studs, piping, bushings, compressors, boiler fittings and heat exchangers
- 500g

32410220

Loctite C5-A Copper Anti-Seize

51007

- Exclusive formula suspends copper and graphite in a high quality grease
- Protects metal parts from rust, corrosion, galling and seizing at temperatures to 982°C
- Recommended for nuts, bolts and studs, fittings and shafts, machine surfaces, fittings on steam turbines, pumps and valves, flanges, extruders and dies

32414112

Release Agent Concentrate

- Lanolin based, water soluble, concentrated concrete release agent
- For concrete formwork (mix at 1:6 parts water)
- Also suitable as a tilt panel bond breaker and precast mould oil
- Provides lubrication and corrosion protection for jacks and fittings (mix 1:4 parts water)

Product Code	Size	Part Number
RA\0003	2.9ltr	32003120
RA\0005	5ltr	32003125
RA\0020	20ltr	32003130

Lubricants

General Purpose Liquid Lanolin

- For general lubrication and corrosion protection
- Penetrant, frees up rusted parts
- Lubricant for drilling, cutting and machining
- Protection of electrical equipment – non-conductive to 70kV

Product Code	Size	Part Number
GP\PP-0400	400g Aerosol	32003040
GP\SP-0750	750ml Spray Pack	32003050
GP\0005	5ltr	32003065
GP\0020	20ltr	32003060

Heavy Duty Liquid Lanolin

- Lubrication and protection of moving parts in corrosive environments
- For mining, marine and heavy transport
- Perfect for wire rope slings and all industrial chains (forklift)
- Protection of electrical equipment – non-conductive to 70kV

Product Code	Size	Part Number
HD\PP-0400	400g Aerosol	32003070
HD\SP-0750	750ml Spray Pack	32003080
HD\0005	5ltr	32003095
HD\0020	20ltr	32003090

Find Wire Rope in the Material Handling & Lifting section, page 82 and 90–91

WD-40 Multi-Use Product

- Stops squeaks
- Drives out moisture
- Cleans and protects
- Loosens rusted parts
- Frees sticky mechanisms
- 360° valve allowing spray at any angle

Product Code	Size	Part Number
61104	425g Aerosol	32004200
61114	4ltr Liquid	32004202

WD-40 Specialist High Performance Silicone Lubricant

21101

- Non-staining, hard working formula doesn't attract dirt
- Prevents parts from sticking
- Waterproofs and protects against moisture
- Temperature range: -40°C to +200°C
- Suitable for use on metal, plastic, rubber and wood
- Ideal for for guide rails, pipes, hoists, hinges, belts, bearings, linkages, tools, valves, locks and doors
- 300g

32004210

CRC 5.56

- CRC 5.56 is a multi-purpose product with superior penetrating power that breaks through rust and corrosion while it clears away scale and dirt
- Lubricates for smooth action, protects metals against corrosion displaces moisture to help start wet engines

Product Code	Size	Part Number
5028	175g Aerosol	32002270
5005	400g Aerosol	32002280
5004	4ltr	32002290
5009	20ltr	32002300

CRC Industrial 5.56

5000

- CRC Industrial 5.56 is non-flammable and fortified with PTFE for additional lubricating performance
- This multi-purpose spray frees rusted parts, displaces moisture and inhibits corrosion
- 400g aerosol

32002282

CRC 3.36

3005

- Thin invisible film that never dries or becomes brittle
- Penetrates into pores and cracks
- Does not have to be removed before welding, machining or being processed
- Easy to remove with CRC Lectra Clean or CRC Brakleen
- Extremely low surface tension
- Low surface tension and an affinity for metal
- 300g aerosol

32002170

Spray Lubricants & Corrosion Protection

Slipicione Release Spray

- Designed for use in the food industry for heavy duty release applications
- A heat-stable silicone anti-stick agent
- Resists breakdown and will not leave residues or gummy surfaces
- Operating temperature: -40–200°C
- Clear
- 300g aerosol

32424220

66 Marine

6006

- Penetrates and loosens scale, frees "frozen" parts, cleans, lubricates and displaces moisture
- CRC 66 Marine is a multi-purpose compound designed to end damage due to water and salt atmosphere in marine engines and boating equipment
- 300g aerosol

32002590

TAC2 Chain Lube

5035

- An exceptional lubricant, with a tough adhesive quality, which will bond to chain/wear surfaces to keep them in peak operating condition by reducing friction and wear than cause metal fatigue
- Resists cold, hot and salt water wash-off and high temperature sling-off
- Penetrates vital chain pin and bushing areas
- Heat resistant active over a wide temperature range –250°C to 165°C
- 300g aerosol

32002380

Power Lube with PTFE

3045

- High performance lubricant with PTFE
- Provides long lasting protection against friction and wear
- CRC Power Lube with PTFE is a lubricant that incorporates a sophisticated additive package including PTFE to provide long lasting protection against friction and wear displaces moisture and provides a long wearing protective film
- 350g aerosol

32002205

Extreme Duty Silicone Lube

3030

- Premium grade, high quality silicone lubricant that exhibits excellent temperature viscosity and lubrication characteristics
- This chemically modified silicone actually reacts with a metal to metal surface to provide metal to metal lubrication in which typical silicones fail
- 300g aerosol

32002200

CRC Long Life

3097

- CRC Long Life provides both superior lubrication and heavy duty corrosion protection for metal parts and assemblies that are stored indoors
- Withstands up to 566kg load in falex test method ASTM-D-3233 salt spray tests gave in excess of 400hr of protection
- Corrosion resistance up to 2 years
- 300g aerosol

32002250

Keep all those dangerous products locked away with Flammable Liquid Storage Cabinets.

Find them in the Material Handling & Lifting section, page 104

CRC 2.26

- A stable, inert organic formula, especially prepared to prevent malfunction and deterioration due to the effect of moisture and corrosion, extends operational life reduces down time and maintenance
- Displaces water and moisture seals hard surfaces with a continuous molecular film and never becomes dry, hard or brittle
- Improves electrical properties

Product Code	Size	Part Number
2005	450g Aerosol	32002010
2006	4ltr	32002020

Lubrication Sprays, Protection Sprays & Cleaners

Electrical Quality Silicone

2094

- High quality, multi-purpose silicone spray
- Non-corrosive formula that provides a thin, durable, clear, odourless film that lubricates, protects and eliminates squeaking and binding caused by friction
- Excellent mould release
- 300g aerosol

32002160

Lectra Clean

- CRC Lectra Clean effectively removes grease, oil, wax, dirt and other contaminants from motors, parts and other electrical mechanical equipment
- No flash point. No fire point. Quick drying
- Does not contain carbon tetra chloride, silicones, CFC 113, methyl chloroform, trichloroethylene or tetrachloroethylene

Product Code	Size	Part Number
2018	400g Aerosol	32002060
2020	4ltr	32002070

808 Silicone Spray

3055

- CRC 808 Silicone Spray is a concentrated formula that provides a thin, durable, odourless film that lubricates, waterproofs and protects all metal, plastic, rubber, fabric, wood, and painted surfaces
- 330g aerosol

32002210

NF Contact Cleaner

2017

- A revolutionary, technically proven, stable, no flash point, non-flammable, inert high purity cleaning solvent
- CRC NF Contact Cleaner is non-conductive, non-corrosive, non-staining, rapid-complete evaporation and contains no lubricants
- Does not contain CFC 113 of methyl chloroform
- 400g aerosol

32002050

Automotive Silicone

5074

- CRC Auto Silicone Lubricant is a non-corrosive formula that lubricates, protects and eliminates squeaking and binding caused by friction
- This silicone is clear, odourless and highly resistant to water
- 300g aerosol

32002500

CO Contact Cleaner

2016

- A unique, scientifically formulated plastic safe, technically proven, stable, inert high purity cleaning solvent
- CRC CO Contact Cleaner is non-corrosive, non-staining, rapid-complete evaporation and contains no lubricants
- Precision electronic cleaning solution
- Residue-free
- Fast evaporation
- Minimises downtime associated with "clean-in-place" cleaning methods
- Prevents harmful buildup and eliminates rinsing or wiping
- 350g aerosol

32002040

Lectra Shield

2031

- Long term indoor/outdoor corrosion inhibitor for machined surfaces and assemblies subjected to long periods of storage or adverse shipping conditions
- Displaces moisture and provides a transparent, amber waxy film for heavy protection of parts, equipment and machinery
- Lectra Shield will provide protection of equipment subject to heat, humidity, chemicals or corrosive atmospheres
- 300g aerosol

32002080

Automotive Electronic Cleaner

5013

- CRC Automotive Electronic Cleaner is a state of the art cleaner specially formulated for use on todays hi-tec electronic and computerised vehicles
- 350g aerosol

32002310

Urethane Seal Coat

- CRC Red and Clear Urethane Seal Coat are excellent adhering one-component polyurethane coatings
- Its abrasive resistant insulation acts as a protective film, for electrical and electronic applications
- CRC Urethane Seal Coats are stable single component polyurethane coating that dries fast, adheres well and forms a hard, durable, flexible and non-conductive film
- 300g aerosol

Product Code	Description	Part Number
2044	Red Urethane	32002120
2049	Clear Urethane	32002130

Aerostart

5051

- CRC Aerostart starts engines instantly, it is a unique and special formulation which combines a number of ingredients, each designed to play a vital part in starting engines
- Powerful anti-corrosive and anti-knock qualities and contains an upper cylinder lubricant
- 300g aerosol

32002420

Soft Seal

3013

- Long term indoor/outdoor corrosion inhibitor for machined surfaces and assemblies subjected to long periods of storage or adverse shipping conditions
- Displaces moisture and provides a transparent, amber waxy film for heavy protection of parts, equipment and machinery
- Soft Seal will provide protection of equipment subject to heat, humidity and salt spray
- Never becomes brittle and will not craze
- 300g aerosol

32002180

Battery Maintenance

5097

- Penetrates, loosens and neutralises all acid corrosion deposits
- CRC Battery Maintenance is an engineered product for the removal of acid corrosion deposits, electrolytes, dirt and moisture from battery terminals and surfaces
- Assures maximum battery current flow and promotes longer battery life
- 300g aerosol

32002530

Penetr8

5501

- High-speed penetrant that rapidly frees and dissolves rust and corrosion while quickly penetrating
- Disassembly of mechanical equipment, fittings and fixtures through its high speed penetration
- Clear formula that contains no dyes and leaves no mess
- The independent Capillary Penetration of Liquids test that was carried out on Penetr8 showed that it penetrates further than any of its competitors
- 400g aerosol

32002585

Battery Terminal Protector

5098

- Instant protection against battery terminal corrosion, is specially designed to protect battery terminals from corrosion which is a major cause of hard starting and battery failure
- Ideal for marine applications as it is highly resistant to salt water and salt spray
- Dries quickly to a soft film
- 300g aerosol

32002535

Belt Grip

3081

- Specially developed to meet the demand for a true industrial, automotive and food grade belt
- CRC Belt Grip is scientifically formulated with a synthetic polymer that is non-drying, water resistant and chemically stable
- Extends the life of drive belts by improving traction
- 400g aerosol

32002240

Find Post Battery Cleaning Products in the General Industrial Products section, page 263

Degreasers, Coolants, Gasket Stripper & De-Squeak

Aeroclean Degreaser

5070

- CRC Aeroclean Degreaser delivers a high impact concentrated jet of a unique formulation which combines blended surfactants, detergents and solvents designed to degrease and clean fast
- 400g aerosol

32002480

Hot Shot Degreaser

5073

- CRC Hot Shot Degreaser rinses off easily and leaves no residue
- A clean engine runs cooler and more efficiently
- Use on most metal surfaces including car and truck motors, chain saws, boats, lawn mowers and farm machinery
- 500g aerosol

32002490

Natural Degreaser

3076

- Naturally formulated, heavy duty, biodegradable cleaner/degreaser that is extremely effective for dissolving and removing grease, oils, lubricants, adhesives and contaminants without requiring water wash off and without leaving a residue
- CRC Natural Degreaser evaporates quickly and is non-corrosive, non-abrasive and non-staining
- 400g aerosol

32002235

Freeze Spray

2039

- CRC Freeze Spray is a multi-purpose dry coolant for maintenance, trouble shooting and repair
- Use Freeze Spray to isolate circuits or components while testing for heat-induced failures
- 300g aerosol

32002090

Brakleen

5089

- CRC Brakleen is formulated to quickly and safely remove brake fluid, grease, oil and other contaminant from brake linings, pads, drums and callipers
- Fast evaporation minimises downtime associated with “clean-in-place” cleaning methods
- 500g aerosol

32002520

Gasket Stripper

5021

- CRC Gasket Stripper is a formulation that is specially developed for the easy removal of tough bonded gaskets regardless of age or adhesive resistance
- Will instantly soften old gasket cement for quick removal, without damage to the metal components
- Safe on aluminium, steel and brass
- 300g aerosol

32002330

Brakleen FORCE

5085

- CRC Brakleen FORCE is non-chlorinated and does not contain any aromatic hydrocarbons, carbon tetrachloride, silicones or methyl chloroform
- Non-staining, non-corrosive and leaves no residue
- Cleans without disassembling the brake unit
- 400g aerosol

32002522

De-Squeak

5080

- CRC De-Squeak prevents brake noise before it occurs
- Metallic bonding formula fills grooves and imperfections in friction surfaces that commonly cause squeaks and squeals
- Use on new, freshly cut (turned) or existing brake rotors and drums
- Safe for use on all types of brake systems, including disc, drum and ABS
- Prevents rust and oxidation build up
- 300g aerosol

32002505

Clean-R-Carb

5081

- CRC Clean-R-Carb is a product engineered to maximise carburettor performance and control pollution
- It is an effective in-place cleaner that removes deposits, gum, varnish, lacquer, resin, paraffin, metallic salts, oil oxides, tar and gasoline stains
- Will not harm catalytic converters or oxygen sensors
- Ideal for use on all fuel system components and as a general parts cleaner
- 400g aerosol

32002510

Bar's Leaks Stop Leak

- Forms a lasting repair for both internal and external leaks in the head block and/or radiator
- Principal ingredient is a natural product
- Non-toxic
- Harmless to rubber, plastic and all metals

Product Code	Size	Part Number
BL150	150g	32004070
BL340	340g	32004080

Loctite Yuk-Off® Brake & Parts Cleaner

24441

- Yuk-Off® non-chlorinated Brake & Parts Cleaner instantly removes fluids, grease and dirt leaving no contaminant-attracting residue
- Evaporates quickly, non-staining
- Reduces maintenance costs
- 417g aerosol

32422070

Anti-Freeze/Anti-Boil Coolant Concentrate

- Provides protection to cooling systems of most vehicles for up to four years
- Suitable for both petrol and diesel engines
- Provides lubrication to water pumps
- Protects against freezing, electrolysis and alloy and cavitation corrosion

Size	Part Number
1ltr	32004010
2.5ltr	32004020
20ltr	32004030

So Easy One Step Tyre Care

5046

- CRC So Easy One Step Tyre Care penetrates the rubber tyre wall to remove grime and dries to a clear protective film
- No rinsing, no wiping, no rubbing
- Makes tyres look like new again
- 500ml trigger

32002400

Contact Us

Opening hours for all warehouses are:

Monday to Friday: 8am–5pm
Saturday: 8am–12 noon

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Clean up with Hand Cleaners on page 210 in the Janitorial, Hygiene, Crib & Leisure Products section

Cutting Fluids & Compounds

Trefolex C.D.T Cutting Oil

3063

- Trefolex CDT Cutting Oil is a superior cutting, drilling and thread cutting lubricant for use on all types of metals
- Additives create a strong film that can withstand extreme pressure to increase tool life and improve cutting
- It is ideal for the critical machining of non-ferrous metals for all operations in Machinability Group 2
- 300g aerosol

32002217

Trefolex Cutting Compound

3060

- Trefolex is a green coloured, active cutting compound containing a colloid
- Melts slowly as frictional heat is generated
- Maintains efficient lubrication throughout operations such as pipe screwing, hack sawing, tapping, reaming, etc.
- It is suitable for all users of hand tools
- Trefolex prolongs the life of the tool
- It will not corrode steel nor affect aluminium
- 500ml

32002215

Trefolex HD Cutting Fluid

3065

- Trefolex HD Cutting Fluid is an extreme duty cutting fluid
- It is a thick fluid that sticks to the cutting tool throughout the operation
- Considered environmentally safe
- This fluid is ideal for tapping and drilling stainless steel, carbon steel, inconel, monel, hastelloy, titanium and aluminium and other alloys and exotics
- 500ml

32002218

RTD Metal Cutting Compound

- Metal cutting lubricant in paste form for machining operations on a range of metals
- Compound adheres to working surface and improves thread and surface finish
- Suitable for reaming, tapping, drilling and metal forming

Product Code	Size	Part Number
RY551211	500g	32220010
RY551221	2.5kg	32220020

RTD Metal Cutting Liquid

- Medium viscosity high performance metal cutting lubricant for machining operations on a range of metals
- May be used neat or as an additive to boost the performance of conventional mineral cutting and forming oils
- Liquid can also be used as a die lubricant on severe drawing, punching and presswork operations
- Suitable for reaming, tapping, drilling, metal forming and broaching

Product Code	Size	Part Number
RY550171	500ml	32220094
RY550181	5ltr	32220095
RY560151	20ltr	32220097

Tap & Die Sets in the Hand & Cutting Tools section, pages 387–388

Ultracut Premium

- Flood applied, bio-stable, water-soluble oil containing extreme pressure additives formulated to provide premium cutting performance and excellent corrosion protection
- Suitable for severe duty machining operations such as milling, turning and boring over a wide range of ferrous and non-ferrous metals
- Ideal for use with manual lathes and other machine tools, NC controlled machine tools

Product Code	Size	Part Number
RY562611	5ltr	32220090
RY562621	20ltr	32220092

Valve Grinding Compound

- Water-mixed silicon carbide abrasive
- Can be used in many grinding applications including hardened engine poppet valves

Grit	Size	Part Number	Grit	Size	Part Number
Fine	75g	32214020	Medium	500g	32214070
Fine	150g	32214030	Coarse	75g	32214080
Fine	500g	32214040	Coarse	150g	32214090
Medium	75g	32214050	Coarse	500g	32214100
Medium	150g	32214060	Fine & Course	50g	32214120

Welding Compounds, Mineral Turpentine & Methylated Spirits

Lapping Compound

- Water-mixed aluminium oxide abrasive
- Holds the grit in suspension and provides lubrication
- 500g

Grit	Part Number
120	32218005
240	32218010
320	32218015
500	32218020
700	32218030

Anti-Spatter

simple green

- Cost effective, solvent-free and safe for aluminium and steel
- Non-flammable and non-corrosive
- Plating and painting safe and contains no silicone
- Protection for welding equipment, torches and nozzles, work pieces, tables, jigs, vices, pliers and other tools
- Classified as non-dangerous goods according to the ADG Code

Product Code	Size	Part Number
SG13452	946ml	71895102
SG13454	3.78ltr	71895104
SG13457	18.9ltr	71895106

Loctite SF 7900 Ceramic Shield

LOCTITE

1616692

- Unique dry film effectively protects welding equipment against metal spatter – up to eight hours, without the need for reapplication
- Increases productivity by up to 7%
- Reduces running costs for consumables by up to 40%
- Eliminates costs for cleaning equipment
- Ceramic, silicone-free protective coating
- Spray coating dries within seconds
- Easy to apply
- Excellent adhesion of coating
- Protects contact tips, welding nozzles and jigs
- Costs of the protective coating only a few cents per shift
- Prevents adhesion of welding spatter for up to eight hours with just one application
- 400ml

32414118

Korode Kure Anti-Corrosive Compound

- Protects batteries, battery clamps, handles and iron work from corrosion
- Penetrates and dissolves existing corrosion
- 60ml tube

32412110

Take a look on page 326 in the Hand & Cutting Tools section for Cold Chisels

Mineral Turpentine

- Hydrocarbon solvent specifically designed for use in many paint formulations and associated thinners
- Mineral Turpentine is one of the most widely used hydrocarbon solvents as it combines good solvency with controlled evaporation
- Use for thinning paints, linseed oil, waxes and polishes, metal cleaning and clean-up of brushes and equipment after painting

Product Code	Size	Part Number
16010-1DIG	1ltr	66550210
16010-4DIG	4ltr	66550212
16010-20DIG	20ltr	66550214

Methylated Spirits

- Denatured alcohol, commonly used domestically and commercially as a cleaner and solvent for paints, lacquers and varnishes
- Suitable for table burners and methylated spirits stoves
- Cleaner for glass, mirrors, showers, tiles, fridges, ovens and other household appliances
- Thinning agent for paints, lacquers and varnishes
- Removes ink from non-porous surfaces
- Cleaning paint brushes
- Hard-surface cleaner and disinfectant

Product Code	Size	Part Number
15000-1DIG	1ltr	66550216
15000-4DIG	4ltr	66550218
15000-20DIGN	20ltr	66550220

Thinners, Paint Strippers, Acetone, Expanding Foams & Wood Filler

All Purpose Thinners

- A general purpose paint thinner and cleaning solvent
- Suitable for thinning solvent based paint, acrylics and epoxies
- It improves paint consistency and reduces the risk of imperfections
- Fast drying and has a smooth gloss finish
- Recommended to wear suitable protective clothing and accessories while using this product

Product Code	Size	Part Number
1700-4DIG	4ltr	66550222
1700-20	20ltr	66550224

Paint Stripper

- A powerful methylene chloride based paint stripper that rapidly penetrates and lifts paint for easy removal
- Suitable for applications in automotive, industrial, marine and household areas
- Can be used on timber, metal and masonry surfaces
- The gel formula makes it suitable for vertical surfaces
- Has a coverage of approximately 0.75m² per litre
- Recommended to wear suitable protective clothing and accessories while using this product

Product Code	Size	Part Number
16885-60DIG	500ml	66550226
16885-61DIG	1ltr	66550228
16885-4DIG	4ltr	66550230

Acetone

- DIY cleaner and degreaser
- Use as a lacquer thinner or paint softener
- Ideal for cleaning fibreglass and PVC pipes
- 4ltr

66520090

For all your painting needs head to the General Industrial Products section, pages 235–238

SikaBoom AP

411946

- High yield, polyurethane expanding foam
- Excellent adhesion and insulation properties
- Rapidly and economically fills large voids and blocks out dust, noise, draft and vermin
- Cuttable, sandable and paintable, all in a multipositional, all directional can
- 750ml aerosol

32424336

FomoFill™ PU Foam

FMFLG750

- A versatile polyurethane polymer that reacts with moisture in the air causing it to expand to fill any shape hole or cavity. The cured foam can then be cut or shaped and painted as desired
- Great for thermal insulation, to block out drafts or to fill/repair big holes prior to painting
- Application temperature: 5–25°C
- 750ml

32424520

BlazeBrake™ Fire Rated Foam

FRF700

- A one component expanding PU foam suitable for sealing construction joints and service penetrations
- Prevents the penetration and transfer of flames, smoke and gases between building compartments
- Reacts with moisture in the air causing it to expand to fill any shape hole or cavity. The cured foam can then be cut or shaped and painted as desired
- Density: 20–28kg/m³
- Temperature resistance: Long term: -40–90°C Short term: -40–130°C
- Pale yellow
- 750ml

32424522

Maple Plastic Wood Filler

- Solvent-based wood filling cement
- Suitable for all interior woodwork applications
- Fast setting
- Can be treated in the same way as real wood when dry
- Maple timber coloured
- 230g tin

32414240

Interior Powder Filler

- Cellulose reinforced powder filler that reacts with water to form a solid filler ideal for patching interior plasterboard, fibro, masonry, timber and brick
- White powder form until mixed with water
- Fills cracks and holes in a single application
- Product has excellent adhesion
- Remains workable for 1 hour
- Can be nailed or screwed when dry
- Paintable with oil and water based paints
- Is water based, so can be cleaned up with water
- Dries white

Size	Part Number
500g	32428010
1.25kg	32428015

RTV 926 Silicone Adhesive Sealant

- A single component, neutral cure sealant
- Cures quickly to a consistent silicone rubber that remains flexible and durable
- Has a high level of adhesion to most surfaces and can withstand a large range of chemicals and temperatures, making it ideal for industrial applications
- Translucent
- 300g

32424030

Gap Filler

- Acrylic caulk
- Water-based formula
- Suitable for interior and exterior applications
- Can be painted over once fully set with oil-based or other types of paints
- White
- 450g

32424230

Sikaflex-PRO

- Multi-purpose polyurethane sealant
- Available in 10 colours
- Available in cartridges and sausages

Product Code	Description	Size	Part Number
134219	White	310ml Cartridge	32424307
134221	Black	310ml Cartridge	32424306
90387	Construction	600ml Sausage	32424330

Gap Filler

- Multi-purpose gap filler
- Suitable for indoors and outdoors
- Water-based formula allows for easy clean up
- High flexibility and a longer lasting result
- White
- 475g

32424235

Plumbing Roof & Gutter Silicone

- Neutral cure
- Single component RTV silicone
- Suitable for all types of roofing, guttering and weatherproofing jobs
- Can be used on various metals, ceramics, concretes, painted surfaces and rain water tanks
- Transparent
- 300g

32424240

Multi-Purpose Clear Sealant

- Non-corrosive, neutral cure multi-purpose sealant
- Perfect for water leakage and seepage problems
- Easy to use and suitable for jobs around the home
- Dries clear and remains smooth and flexible to blend with any surface and location
- Water and mould resistant
- 270g cartridge

32424225

Sikasil AP

- Multi-purpose roof and gutter silicone sealant, will adhere to polycarbonates
- 300ml cartridge

Product Code	Colour	Part Number
407717	Black	32424331
405154	Clear	32424332
407719	Grey	32424333
405663	White	32424334

Silicones & Sealants

Silastic 732 RTV

- Premium multi-purpose sealant
- Single component silicone sealant with no mixing required
- FDA approved
- Waterproof and resistant to a wide range of temperatures

Colour	Size	Part Number
Clear	139ml Tube	32424010
Clear	310g Cartridge	32424020
White	139ml Tube	32424040
White	310g Cartridge	32424050
Black	139ml Tube	32424060
Black	310g Cartridge	32424070

Maniseal Exhaust Cement

5061

- CRC Maniseal Exhaust Cement seals off all noxious fumes and contains no asbestos
- Expands and sets when heated ensuring a perfect seal against carbon monoxide
- Also ideal for industrial use where a seal is required that will stand intense heat up to 300°C
- 142g tube

32002430

Silastic 734 RTV Sealant

- Flowable, self-levelling sealant
- Ideal for filling voids, cracks and crevices
- Can be used as a conformal coating for connections or battery terminals
- Suitable for coating mechanical devices and making formed-in-place gaskets
- Temperature range: -65–177°C
- 300ml cartridge

Colour	Part Number
Clear	32424090
White	32424100

Silastic Auto Sealant

- 100% silicone rubber sealant
- Designed to stop leaks, seal against water and dust and insulate electrics
- Can also be used for noise and vibration dampening
- Bonds to paint, fibreglass, metal, canvas and most plastics
- Operating temperature: -50–230°C
- 75g tube

32424150

Silastic 736 RTV Sealant

- Heat resistant sealant
- Used for sealing and bonding applications at high temperatures
- Suitable for work on heaters, ovens, smoke stacks, gas appliances and duct work
- Temperature range: -65–315°C
- Red/white
- 90ml/85g

32424110

Rhodorseal RTV 5661 Silicone

- Automotive high performance gasket
- A single component, thixotropic silicone elastomer
- Sets at room temperature
- Oil resistant
- Off-white
- 310ml

32424120

Silastic 738 RTV Sealant

- Electrical sealant
- Ideal for bonding and sealing corrosion-sensitive electrical and electronic equipment
- Temperature range: -62–180°C
- White
- 90ml/85g

32424130

Silastic Gasket Sealant

- Stops leaks and acts as a seal against water and dust
- Can be used to insulate electrics and for vibration and noise dampening
- Neutral cure
- Will bond to a wide range of surfaces without tarnishing
- Operating range -50–230°C
- 75g tube

32424170

Silastic Marine Sealant

- 100% silicone rubber, neutral cure
- Salt water resistant
- Bonds, weatherproofs and prevents water damage
- Permanently flexible
- Translucent
- 75g tube

32424190

Sikaflex-255 Extra

92010

- Windscreen adhesive
- Paintable and non-corrosive
- 310ml cartridge
- Black

32424310

Sikaflex 292i

409802

- Assembly adhesive ideally suited to marine environments, with high resistance to fresh and sea water
- Elastic with good gap filling properties and can be overpainted
- Bonds well to a variety of substrates
- 310ml cartridge
- White

32424320

Sikaflex-11FC

- Multi-purpose sealant/adhesive
- Approved for use in potable water
- 310ml cartridge

Product Code	Colour	Part Number
134182	White	32424300
134183	Black	32424302

Sikaflex Tank

156879

- Polyurethane joint sealant, ideally suited to contaminated water and high chemical environments
- Suitable for use in facilities for storage, filling and handling of contaminated water and other liquids
- For sealing joints in water retaining structures including sewage, water treatment, filtration and aerating tanks
- 600ml sausage
- Grey

32424335

Liquid Nails Construction Adhesive

- General purpose construction adhesive
- Has a high strength bond to most building materials and is polystyrene safe
- Gun style application makes it easy to use
- Suitable for both interior and exterior applications
- Ideal for most industrial and household materials such as steel, sheet metal, timber, plasterboard, ceramics and more
- Beige
- 320g

32414230

Silastic Windscreen Sealant

- 100% silicone rubber, neutral cure
- Creates a permanent seal
- Suitable for windscreens, tail lights, canopies and sunroofs
- Weatherproof and will not crack or perish
- Seals out dirt and dust
- Black
- 75g tube

32424210

Anchorfix 1

82145

- Multi-purpose, polyester based anchoring and bold adhesive
- Suitable for use with threaded rod, starter bar, hinges and bolts in brick, stone, concrete etc.
- Standard cartridge gun application, may be used in hollow blocks with the use of Sika Anchorfix sleeves
- 300ml cartridge

32424337

Caulking Guns, Wood Glues & Adhesives

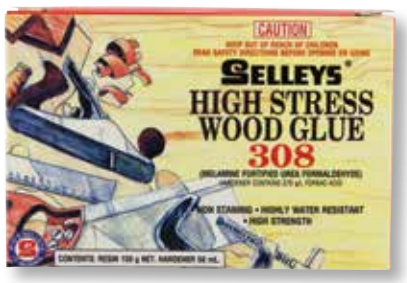
Caulking Gun

- Suitable for use at home or in the workplace
- Skeleton style
- Features finger guard for comfort
- Big ladder hook
- Suits 310ml cartridges
- Pistol rod diameter: 7.8mm

62520020

Selleys 308 High Stress Wood Glue Kit

- Two part, high strength adhesive consisting of a white powder resin and a colourless hardener
- Suitable for wood, timber, plastics and hardboard in most interior and exterior applications
- Water, mould and heat resistant
- Cures at room temperature and sets to a rigid solid
- Sets to a pale fawn colour
- 150g kit



86410900

Tradesman Caulking Gun

- Suitable for professional applications
- Aluminium trigger
- Suits 310ml cartridges

62520080

Contact Adhesive

- Solvent-based polychloroprene contact adhesive
- Ideal for bonding veneers of timber and laminated plastics
- Instantly bonds on contact and is suitable to use in situations where clamping or pressing are difficult or not available
- Can be used on cork, felt, leather, rubber, canvas and metals
- Heat resistant up to 130°C
- Clear
- 4ltr

86410630

ChemSet™ Applicator

Ramset

CUAP

- Dispenses all of the products in the ChemSet™ injection range
- Suitable for 380ml and 750ml cartridges
- Tough, durable metal construction
- Twin drive for extra power
- Also available: 300ml caulking gun for Ultrafix™ Plus and all 300ml construction adhesive and sealant cartridges

43691010

Loctite 401 Instant Adhesive

LOCTITE

40124-25

401 is a low viscosity, fast curing, cyanoacrylate adhesive. This product is less dependant on surface moisture for cure speed than other standard CA grades. Can be used with PP primer 770 for polyolefin bonding.

- Suitable for rapid bonding of metal, plastic, rubber, cork, wood, paper, leather, fabric etc.
- Unique chemistry ensures rapid cure even on difficult to bond substrates (may require priming)
- 25ml

32414040

Selleys Aquadhere PVA Wood Glue

- PVA adhesive specially formulated for interior woodworking repairs and projects
- No mixing required – ready to use straight from the pack
- Suitable for end grain gluing – won't stain timber
- White in colour, but dries clear
- Non-toxic
- Cleans up with water

Size	Part Number
500ml	32414280
1ltr	32414290

Loctite 406 Instant Adhesive

LOCTITE

40633-25

High strength cyanoacrylate adhesive for bonding difficult materials. Rapid bonding of wood, leather, metal, plastic, rubber, cork, fabric, paper and ceramics.

- Fixes very fast, even on difficult to bond substrates (may require priming)
- Low viscosity
- Fast fix time of 2–30 seconds
- 25ml

32414110

Adhesives, Solvent Cement, Sealing Tapes & Thread Sealants

Loctite 454 Instant Adhesive Gel

LOCTITE

A045416

Cyanoacrylate adhesive with gel consistency for bonding difficult and porous substrates even on vertical surfaces. Superior gap filling ability up to 0.25mm (0.010").

- Suitable for rapid bonding of metal, plastic, rubber, cork, wood, paper, leather, fabric etc.
- No run, no drip
- Fast fix time of 2–60 seconds
- 20g

32414090

PVC Pipe Solvent Cement

- PVC solvent is suitable for use in pressure applications, including potable water

Size	Part Number
500ml	32414255
1ltr	32414260

PTFE Thread Sealing Tapes

UNASCO

- Temperature range: -268°C–260°C

Pink

- Suitable for plumbers and pipe fitters – all threaded connections involving air, water, sewage and chemical
- Maximum pressure rating: 10,000psi (68.95MPa)

Gold

- Clean, easily applied, non-toxic
- Highly inert, chemically resistant to almost all known chemicals, gaseous or liquid

Eureka

- Clean, easily applied, economical, non-toxic, hypoallergenic

Product Code	Description	Size	Thickness	Part Number
T4HG005	Gold	12mm x 13.7m	0.1mm	32426030
T4HG008	Gold	19mm x 13.7m	0.1mm	32426040
T4HG011	Gold	25mm x 13.7m	0.1mm	32426060
T4HP2022	Pink	12mm x 13.5m	0.1mm	32426035
T3EU021	Eureka	25mm x 12m	0.076mm	32426050

Find a range of other tapes in the General Industrial Products section, pages 230–231

Thread Sealants

LOCTITE

- Loctite Anaerobic Thread Sealants prevent leakage of fluids and gases from threaded joints
- They offer the ability to seal fittings in any position and can achieve an instant moderate pressure seal

Product Code	Description	Colour	Max. Thread Diameter	Temperature Range	Size	Part Number
56747A 56741	**Loctite 567 Pipe Sealant – Controlled Strength – High Temp –** Ideal for coarse metal threads where slow cure allows adjustment of fittings. Gas approved (AGA Certificate 3207, 1,050kPa)	White	75mm	-54 to 205°C	50ml 250ml	32412250 32412260
19259 34112	**Loctite 577 High Pressure Pipe Sealant – Medium Strength – Fast Cure –** Ideal for coarse metal threads where high locking strength is required. Approved for potable water (AS/NZS 4020) & gas (AGA Certificate 4787 to 2,600kPa)	Yellow	75mm	-54 to 150°C	50ml 250ml	32412245 32412248
56950 56970	**Loctite 569 Hydraulic Sealant – Low Strength – Fast Cure –** Recommended for fine threaded fittings as used in hydraulic & pneumatic applications	Brown	17mm	-54 to 150°C	50ml 250ml	32420220 32420230

Threadlockers, Retaining Compounds & Primers

Threadlockers

- Loctite Anaerobic Threadlockers prevent loosening due to vibration
- Prevents seal threads against leakage and corrosion
- Provide controlled lubrication for correct torque – tension relationship (clamp load)

Product Code	Description	Strength	Colour	Temperature Range	Size	Part Number
22220	**Loctite 222 Screw Lock Threadlocker –** Best strength for screws & small fasteners. Will undo with normal tools. Also use on low strength metals such as aluminium which can break during disassembly	Low	Pink	-55 to 150ºC	10ml	32420020
22250					50ml	32420030
45083					250ml	32420040
44089	**Loctite Best Ever 243 Threadlocker –** Best strength for nuts & bolts, undo with hand tools. Improved oil tolerance, cure on passive metals & heat ageing. Eliminates backlash in keyways	Medium	Blue	-55 to 180ºC	10ml	32420080
44092					50ml	32420090
44094					250ml	32420100
44279	**Loctite Best Ever 263 High Strength Threadlocker –** Best strength for large fasteners & studs. Improved oil tolerance, cure on passive metals & heat ageing. May require heat to remove	High	Red	-55 to 180ºC	10ml	32420110
44130					50ml	32420140
44131					250ml	32420150
27750	**Loctite 277 Threadlocker –** Very high strength & chemical resistance. Very high viscosity for threads to 50mm in severe operating conditions. Outstanding chemical resistance. Heat may be required for disassembly	High	Red	-55 to 150ºC	50ml	32420160
29020A	**Loctite 290 Wick In Medium Strength –** Very low viscosity grade for post assembly applications, e.g. adjustment screws. Wicks in by capillary action. Fast cure, excellent chemical resistance. Also seals porosity	Med-High	Green	-55 to 150ºC	10ml	32420170
45076					50ml	32420180

Retaining Compounds

- Loctite Anaerobic Retaining Compounds can be used to augment or replace traditional interference fits for cylindrical components
- They increase assembly strength
- Prevent fretting corrosion and backlash
- Reduce assembly cost
- Can be used to reclaim worn parts

Product Code	Description	Colour	Max. Gap Fill	Temperature Range	Size	Part Number
30013	**Loctite 609 Retaining Compound –** Medium/high strength for metal pulleys, sprockets, sleeves, couplings, bearings, etc. Dismantles with press or pullers	Green	0.2mm	-54 to 150ºC	10ml	32420240
30015					50ml	32420250
30014					250ml	32420252
62050	**Loctite 620 Retaining Compound – High Strength –** High temp (230°C)	Green	0.25mm	-54 to 230ºC	50ml	32420260
63531	**Loctite 635 Retaining Compound – Very High Strength –** Slow cure. Ideal where time is required for assembly	Green	0.2mm	-54 to 150ºC	50ml	32420270
21314	**Loctite 641 Bearing Mount – Medium Strength –** Ideal for parts that require disassembly. Can be used in slip, press or shrink fits to prevent unwanted movement & fretting corrosion. Applications: mounting bearings, bushes, sleeves, seals, valve guides, woodruff keys & liner assemblies	Yellow	0.2mm	-54 to 150ºC	10ml	32420050
45079					50ml	32420060
45081					250ml	32420070
66010A	**Loctite 660 Quickmetal® – High Strength Press Fit Repair –** Gap filling paste. Repairs worn shafts or housings, keyways, splines & creates form in place shims	Silver	0.5mm	-54 to 150ºC	6ml	32422010
66040					50ml	32422020
1800574	**Loctite 680 Retaining Compound – Very High Strength –** Fast cure for slip fit assemblies. High load transmitting grade for permanent assemblies, e.g. earth moving, mining equipment	Green	0.2mm	-54 to 180ºC	50ml	32420280
1800573					250ml	32420290

Loctite 7649 Primer

22410A

- Primer for Loctite anaerobic adhesives and sealants
- Assures fast fixing of parts, generally within 15–30min (refer to product technical data sheet)
- Use where accelerated cure speed is required in cold weather or on inactive metals
- Note: not a cleaner/degreaser
- 100ml

32420320

Loctite 770 PP Primer

29520A

- 770 Polyolefin Primer is a single component material which dries rapidly at room temperature
- It enables polyolefin and other low energy surfaces suitable for bonding with Loctite cyanoacrylate adhesives
- 100ml

32420315

Loctite 7471 Primer

22477

Primer designed to speed the cure of Loctite anaerobic adhesives and sealants.

- Primer for Loctite anaerobic adhesive and sealants
- Use where gaps slightly exceed normal recommendations
- Use when accelerated cure speed is required in cold weather or on inactive metals
- Note: not a cleaner/degreaser
- 133ml

32420310

Plastic Welder

DS-220

- Toughened structural adhesive formulated for bonding dissimilar substrates
- Highly resistant to hydrocarbon fuels including gasoline, jet fuel, motor oil and hydraulic oil
- Resistant to weathering, humidity and wide temperature variations
- Suitable for bonding PVC, fibreglass, ABS, steel, acrylics, polycarbonate, polyesters (PET; PBT), wood and ceramics
- 28.4g

32414335

Find Sanding Discs in the Welding & Abrasives section, page 420

Plastic Steel Epoxy

DS-5

- Steel-filled epoxy for repair of steel machinery and appliances
- Works on all metals and fills cracks and chips
- High strength bond (17MPa, 2,500psi) Chemical resistant and waterproof
- Suitable for drilling, tapping, machining, sanding and painting
- 56.8g pack

32414305

2K Tech®

AB2T4

- Premium grade 2K body filler
- Creamy texture, minimal pin-holing
- Effortless blading
- Easy sanding
- Compatible with all automotive paint systems
- 4kg

32422820

Loctite 3801 Five Minute Epoxy Adhesive

20981

A fast setting, two component industrial grade epoxy adhesive. High strength and general purpose. Once mixed, the epoxy cures at room temperature and forms a clear bondline. When fully cured, the epoxy is resistant to a wide range of chemicals and solvents, and acts as an excellent electrical insulator.

- Suitable for general purpose bonding of wood, metals, ceramic, concrete, marble, glass, china, fibreglass and laminates
- 25ml

32414020

Fibreglass Repair Kit

ABFR

- Complete kit to repair large holes, cracks etc.
- Contains Matting, Polyester Resin and Catalyst (MEKP)
- Water resistant
- Recommended for metal, fibreglass, timber and masonry

32428225

Plastic Steel Putty (A)

- Steel filled epoxy for maintenance, repairs, tooling and production applications
- Can be machined, drilled, tapped and painted
- Hardens in about 4hrs, will not shrink, excellent heat transfer and bonds to a variety of substrates
- Suitable for repairing pipes, valves and tanks, rebuilding worn equipment, tooling and holding fixtures

Product Code	Size	Part Number
D10110	500g	32414345
D10120	1.5kg	32422380

Repair Products

Plastic Steel 5-Minute Putty (SF)

- Super fast curing steel filled epoxy that retains all the properties of Plastic Steel Putty (A)
- Pot life of 5 minutes at 24°C makes it perfect for emergency repairs to metal components required back in service after one hour
- Maximum operating temperature of 93°C, ideal for low temperature applications
- Suitable for repairing pipes, tanks and other essential equipment

Product Code	Size	Part Number
D10250	250g	32422300
D10240	500g	32422310

Wear Guard High Impact

- High density, micro alumina ceramic bead filled and flexible epoxy for superior impact abrasion
- High compression and impact strength. Ideal where impact and flex occur
- Creamy, non-sag paste for applications from vertical to overhead
- Suitable for pumps, screens, chutes, handling equipment and screw conveyors

Product Code	Size	Part Number
D11464	4kg	32222220
D11460	10kg	32222230

Loctite – Fixmaster® Metal Magic Steel Stick

98853

An easy to use, steel-filled compound designed for emergency maintenance repairs on dry or damp surfaces. Available in a conveniently packaged putty stick, the resin and hardener are pre-measured for consistent strength and easy application – simply twist off desired amount, knead and apply. Cures to a metal-like finish in less than 10 minutes under typical dry service temperatures of -30 to 121°C.

- Suitable for sealing chemical tanks, smoothing welds, stopping pipe and tank leaks, filling oversized bolt holes, repairing holes in elbows cracks in castings and holes in gas and fuel tanks
- 113g

32422030

Combowear FC (Fast Cure)

D11450

- Non-sag, epoxy wearing compound that combines the abrasion resistance of high alumina ceramic beads with silicon carbide
- Fast cure properties can have the repair back in service within 60 – 90 minutes at 24°C
- Ideal for adhesion to metal, ceramic and concrete substrates and bonds to damp surfaces
- Suitable for protecting pipe elbows, housings, exhaust fans, repairing coal fuel lines, bins and hoppers
- 4kg kit

32222240

Titanium Putty

D10760

- Ideal for high performance applications with superior compressive strength
- Good chemical and corrosion resistance and is wear resistant
- Wide temperature operating range up to 175°C
- Suitable for rebuilding shafts, keyways and bearing housings and filling under powdercoating
- 450g

32422440

Brushable Ceramic Kits

- Low viscosity, brushable, high performance ceramic-filled epoxy
- Provides a smooth, protective barrier against wear, abrasion, corrosion, erosion and attack by most chemicals
- Suitable for protecting pump casings and flange faces, rebuild and seal heat exchanger tube sheets, impeller blades, valves, water boxes, fan blades, chutes and hoppers
- 1kg kit

Product Code	Colour	Part Number
D11765	Blue	32220017
D11760	Red	32220015

Flexane® 80 Putty

D15820

- Trowelable urethane that cures to Shore A 87 hardness
- 100% solid, tear resistant and retains its shape under pressure (like rubber)
- Protects against impact, abrasion, vibration, expansion and contraction
- Suitable for process machinery, flexible seals in concrete tanks, pipes and chutes and rubber repair of rollers and conveyor belts
- 450g kit

32422270

Need a Bolstered Gasket Scraper?
Find it on page 325 in the
Hand & Cutting Tools section

Crack Tests, Pipe Repair Bandages, Petrolatum Tape, Overwrap Tape

Crack Test CTW 6

- Fast dry
- Provides a great contrast to magnetic inks and dry powders
- Suitable for marking out or gauging indications
- Can be used as a stencil paint
- Designed for industrial applications only
- White
- 300g aerosol

32224000

Crack Test CTB 3

- Magnetic ink
- Used to detect defects in the surface and sub-surface area in ferro-magnetic materials
- Designed for industrial use only
- Black
- 300g aerosol

32224010

Crack Test CTC 1

- High performance cleaner
- Used for cleaning before and after the use of background paint
- Produces a clean, dry and oil-free surface
- Designed for industrial use only
- 350g aerosol

32224020

Flawfinder Crack Detection Kit

RY642543

- Three part method of crack detection for welded joints and engineering components during maintenance or manufacturing
- No destructive testing
- Ideal for cast and welded metal components, glass and ceramic components and under normal light conditions

32224050

Rapp-it Pipe Repair Bandage

- Rapp-it is a roll of fibreglass bandage impregnated with water-activated polyurethane resin, that provides an easy and fast way to repair pipes in a wide range of situations
- A pipe leak can happen anywhere, any time and without warning, and can threaten to shut down your entire operation, resulting in costly downtime and production loss
- No mixing or measuring required
- Results in a strong, superior pipe repair in only 30 minutes
- Can withstand internal pressures up to 2,500kPa (360psi) and temperatures up to 150°C
- Each pack includes a bandage, stick of epoxy putty and a pair of gloves

Suitable for a wide range of industries, including the mining, industrial, oil and gas, processing and marine industries. Rapp-it can assist your organisation with any of the following pipes:

- PVC pipe repair
- Water pipe repair
- Copper pipe repair
- Steel pipe repair
- Iron pipe repair
- Galvanised pipe repair
- Most other emergency pipe repair or leaking pipe situations

Product Code	Size	Part Number
RAP122	50mm x 3,600mm	32428120
RAP123	75mm x 3,600mm	32428130
RAP124	100mm x 3,600mm	32428140
RAP164	100mm x 4,800mm	32428160
RAP304	100mm x 9,000mm	32428170

Denso Petrolatum Tape

- Denso Petrolatum Tape is a non-woven synthetic fabric carrier free of chemical impurities, fully impregnated and coated with a neutral petroleum based compound with inert siliceous filler and inhibitors
- Used for corrosion protection, sealing and water proofing of metal above and below ground
- Protection of pipelines, joints, fittings, cables and tensioning members

Product Code	Size	Part Number
P600050	50mm x 10m	66542105
P600100	100mm x 10m	66542100
P600150	150mm x 10m	66542110

Denso SA PVC Overwrap Tape

- Denso SA PVC Overwrap Tape is a tough conformable, pressure sensitive tape
- Plasticised PVC, incorporating natural and synthetic rubber adhesive and fungal inhibitor
- Used as an outerwrap over Petrolatum Tape for buried and immersed applications

Product Code	Size	Part Number
P931050	50mm x 30m	66542145
P931100	100mm x 30m	66542148
P931150	150mm x 30m	66542150

Piling Tape, Wrap Tape, Tack Tape & Primers

Denso Marine Piling Tape

S970150

- Denso Marine Piling Tape is a self-priming tape coated with petrolatum based compounds developed for the protection of surfaces on marine structures
- Non-woven synthetic fabric carrier fully impregnated and coated with neutral petrolatum based compounds
- High density polythene film backing
- Includes inert siliceous mineral fillers, water displacing and biocidal agents
- Stable in composition and plasticity over a wide temperature range
- Non-hardening and non-cracking
- Accommodates vibration and movement of substrate
- Highly resistant to mineral acids, alkalis and salts
- Will adhere and remain attached to clean, sound, wet or dry metal surfaces above or below water
- When applied spirally with sufficient tension, it will displace moisture and develop a water resistant bond to the primed surface
- Formulated to provide protection against sulphate reducing bacteria
- Can be applied under water
- 10m x 150mm

66542115

Denso S43 Rust Prevention Innerwrap Tape

- Denso S43 tape is part of the Denso Butyl Tape System, designed for the protection of line pipe, joints, welds, bends and fittings
- Denso S43 is a self-amalgamating butyl rubber based compound encasing a polyethylene reinforcing film
- Stable over a wide temperature range and is non-hardening and non-cracking
- Accommodates vibration and movement of substrate
- Highly resistant to mineral acids, alkalis and salts
- Compatible with factory applied pipeline coatings such as Fusion Bonded Epoxies (FBE), Polyethylene (PE) and Polypropylene (PP)
- Repairs to damaged areas in factory coated pipes
- Provides the anti-corrosion protection to the substrate

Product Code	Size	Part Number
H145050	15m x 50mm	66542120
H145100	15m x 100mm	66542160
H145150	15m x 150mm	66542165

Denso R23 Rust Prevention Outerwrap Tape

- Denso R23 tape is part of the Denso Butyl Tape System, designed for the protection of line pipe, joints, welds, bends and fittings
- Denso R23 is a self-amalgamating butyl rubber based compound with a polyethylene backing
- Stable over a wide temperature range and is non-hardening and non-cracking
- Accommodates vibration and movement of substrate
- Highly resistant to mineral acids, alkalis and salts
- Repairs to damaged pipe areas in factory coatings such as such as Fusion Bonded Epoxies (FBE), Polyethylene (PE) and Polypropylene (PP)
- Provides the mechanical protection to the system

Product Code	Size	Part Number
H146050	30m x 50mm	66542170
H146100	30m x 100mm	66542180
H146150	30m x 150mm	66542190

Denso Hi Tack Tape

- A specially formulated, high tack, cold applied petrolatum tape for high performance corrosion protection of above ground pipe work, fittings and structural steelwork where only limited surface preparation is possible and long term performance is necessary
- Non-woven synthetic fabric carrier fully impregnated and coated with neutral petrolatum based compounds, inert siliceous fillers, adhesion promoted butyl rubber based resins and dissolved in solvent based vehicles
- Stable over a wide temperature range and is non-hardening and non-cracking
- Accommodates vibration and movement of substrate
- Highly resistant to mineral acids, alkalis and salts
- Will adhere to structural steelwork, pipes and fittings

Product Code	Size	Part Number
P612100	10m x 100mm	66542210
P612150	10m x 150mm	66542215

Find Flanges in the Hydraulics, Valves, Hoses & Fittings section, page 461

Denso Butyl Primer

H104004

- Denso Butyl Primer is part of the Denso Butyl Tape System, designed for the protection of line pipe, joints, welds, bends and fittings
- Denso Butyl Primer is a brush, sponge roller or spray applied solvent based adhesive primer designed to promote the adhesion of butyl tapes to steel pipelines for anti-corrosion and mechanical protection
- For use on new, power brushed or grit blasted metal pipe work, to condition the surface prior to the application of Denso self-amalgamating tapes
- For the prevention of corrosion on metallic pipelines
- Stable over a wide temperature range and is non-hardening and non-cracking
- Accommodates vibration and movement of substrate
- Highly resistant to mineral acids, alkalis and salts
- Will adhere and remain attached to steel and butyl rubber based tapes
- 4ltr

66542205

Denso MP Primer

- Denso MP Primer is an integral component of the Denso Petrolatum System
- Displaces surface moisture, passivates surface oxides, fills surface imperfections and ensures intimate contact between Denso Petrolatum Tapes and the substrate

Product Code	Size	Part Number
P300001	1kg Tin	66542010
P300004	4kg Tin	66542015
P300020	20kg Drum	66542020

Primer, Rockmesh, Profiling Mastic, Tapes & Rubber Insertion

Denso Hi Tack Primer

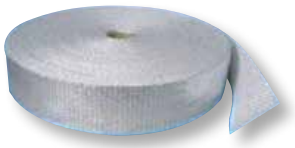
P312004

- A brush applied, solvent based, adhesive promoted primer
- For use on new, power brushed or abrasive blasted steel work to condition the surface prior to the application of the Denso petrolatum tape systems
- The primer is designed to promote the adhesion of petrolatum tapes which provide corrosion protection to steel
- It is a component of the Denso Steelcoat 100 System
- Protection of flat steel or steel on flat areas where tapes are applied in a longitudinal fashion
- Protection for structural steel, pipes, welded joints, bends, fittings from corrosion, above or below ground
- To protect steel from corrosion the system completely encases and segregates the steel surface from the surrounding environment by making intimate contact with the entire exposed substrate
- 4ltr

66542200

Fibreglass Lagging Tapes

- Produced from closely woven or knitted yarns, producing tapes which retain a high degree of softness and flexibility
- Applications include thermal and electrical insulation; gasketing, pipe, hose and valve wrapping; furnace and boiler door seals
- Max. operating temperature: 550°C
- 30m roll



Product Code	Size	Part Number
083003	25mm x 1.5mm	67050020
083006	25mm x 3.0mm	67050030
083004	50mm x 1.5mm	67050040

Denso Rockmesh

M921000

- Denso Rockmesh is an expanded high density polyethylene mesh designed to give extra mechanical protection to pipe coatings laid in rough/rocky ground or abrasive backfill
- Its diagonal mesh construction gives great flexibility for easy application whilst ensuring maximum protection to the pipe coating
- Easy to use
- Mechanically protects pipe coating
- No risk of screening cathodic protection
- 1.3 x 20m

66542240

Fibreglass Lagging Rope

083708

- Consists of a low density blown glass fibre core enclosed in a braided cover of glass yarn
- Provides an efficient method of insulating pipe work and is also suitable for a variety of high temperature sealing and caulking applications
- Max. operating temperature: 550°C
- 25mm x 30m

67050520

Denso Super-Light Profiling Mastic

P400100

- Denso Super-Light Profiling Mastic is a cold applied, self-supporting mastic composed of saturated petroleum hydrocarbons, beads of closed cell cellular polymer and flow control additives
- The mastic is used to provide a smooth profile on irregular shaped fittings such as flanges and valves
- It is applied to cleaned, primed surfaces (Denso MP Primer) prior to over wrapping with Denso Petrolatum or Bituminous Tapes
- 10kg

66542050

Rubber Insertion

- General purpose synthetic rubber sheet made from Natural Rubber polymer
- Smooth finish on both sides
- Hardness: 65 +/-5
- Density: 1.50 +/-0.05g/cm^3
- Tensile strength: 35kg/cm^3
- Elongation at break: 200%
- Tear resistance: 12kg/cm
- Temperature range: -20°C–80°C
- Width: 1.2m
- 10m roll

Description	Thickness	Part Number	Description	Thickness	Part Number
1 Ply	1.5mm	67080015	2 Ply	6mm	67080060
1 Ply	3mm	67080030	2 Ply	9mm	67080090
2 Ply	4.5mm	67080045	–	–	–

Denso Elastomeric Membrane Topcoat Kit

M31001.3

- Denso Elastomeric Membrane BG is a 100% solid, two-component urethane elastomer system that can be applied as a coating offering good mechanical properties, good chemical and UV resistance
- Room temperature processing and curing
- Good inter-laminar adhesion
- Good adhesion to well-prepared surfaces
- Excellent resistance to aqueous environments
- Good chemical and abrasion resistance
- 1.3ltr kit

66542230

Rubber Insertion

- General purpose synthetic rubber sheet made from Natural Rubber polymer
- Displays good physical properties including tear strength, recovery properties and abrasion resistance
- Poor resistance to ozone, oxygen and sunlight
- Suitable for gaskets where no particular high resistance to heat, oils or solvents is required eg. cold water, sewage pipes etc
- Temperature range: -50–120°C

Product Code	Size	Part Number
1211208	0.8 x 300 x 1,000mm	67080000
1211215	1.5 x 300 x 1,000mm	67080005
1211230	3.0 x 300 x 1,000mm	67080010

Gasket Material

Klingerstatite AS80.090

- Oil/fuel resistant gasket paper
- Gearbox, carburettors, water pumps
- Temperature range: 0°C–120°C
- Sold per metre (except Rollettes)

Product Code	Size	Part Number
114001	0.15mm x 0.9m	67020015
114044	0.25mm x 0.9m	67020025
114045	0.4mm x 0.9m	67020040
114046	0.8mm x 0.9m	67020080
114047	1.5mm x 0.9m	67020150
114027	2.4mm x 0.9m	67020240
114049	3.2mm x 0.9m	67020320
114104	0.4mm x 1m x 300mm Rollette	67020404
114108	0.8mm x 1m x 300mm Rollette	67020408
114115	1.5mm x 1m x 300mm Rollette	67020415

MR 31 Plus Neo Rubber Corks

- Water and oil gasket
- Cork rubber products offer many of the advantages of rubber compounds along with the added benefit of controlled compressibility and recovery
- Highly compressible automotive and general purpose gasket material with moderate oil resistance

Product Code	Size	Part Number
110150	0.8 x 762 x 300mm Rollette	67012008
110153	1.5 x 762 x 300mm Rollette	67012015
110156	3.0 x 762 x 300mm Rollette	67012030
119254	1.5mm x 1.20m x 0.66m Sheet	67012040
119252	2.5mm x 1.20m x 0.66m Sheet	67012060
119253	3.0mm x 1.20m x 0.66m Sheet	67012080
119251	6.5mm x 1.20m x 0.66m Sheet	67012100

Klingersil® C4243

- Universal gasket material for general applications
- Suitable for liquids and gases at lower pressure and temperatures
- Good chemical resistance against water and oil
- Max. temperature: 100°C
- Max. pressure: 30bar
- Sheet size: 1.0 x 1.5m

Product Code	Thickness	Part Number	Product Code	Thickness	Part Number
767145	0.4mm	67032020	767126	2mm	67032080
767146	1mm	67032040	767128	3mm	67032100
767124	1.5mm	67032060	–	–	–

Klingersil® C4430

BS7531 Grade X

- AS4020 – Potable water
- A general purpose non-asbestos material offering good resistance to oils, fuels, hydrocarbons, alcohols, lubricants and steam as well as mild acids and alkalis
- Also available wire reinforced
- 3xA anti-stick finish as standard
- Max. temperature: 400°C
- Max. pressure: 40bar
- Sheet size: 2.0 x 1.5m

Product Code	Thickness	Part Number	Product Code	Thickness	Part Number
757245	0.4mm	67038101	757224	1.5mm	67038105
757221	0.5mm	67038102	757226	2.0mm	67038106
757246	0.8mm	67038103	757228	3.0mm	67038107
757222	1.0mm	67038104	–	–	–

Klinger® Softchem R

- A multi-directional, 100% expanded PTFE sheet gasket material
- The best choice for sealing uneven and damaged flanges
- Easy to cut and install and requires low compressive loads to seal
- Virtually compatible with all media across the PH range
- Max. temperature: 230°C
- Max. pressure rating: 40bar
- Sheet size: 1.5 x 1.5m

Product Code	Thickness	Part Number	Product Code	Thickness	Part Number
551150015	1.5mm	67038111	551150030	3.0mm	67038112

Wire Reinforced Steam Gaskets – TG2008

- TOPgraph 2008 sheet
- The flexible graphite sealing material with a high degree of inherent stability
- It has high load bearing capacity combined with high seal ability
- Ideally suited for use with steam and other critical applications
- Grade TG2008 is wire reinforced
- Max. temperature: 500°C
- Max. pressure: 100bar
- Sheet size: 1.0 x 1.5m

Product Code	Size	Part Number
562008108	0.8mm	67038020
562008110	1.0mm	67038025
562008115	1.5mm	67038040
562008120	2.5mm	67038050
562008130	3.2mm	67038060

Take a look in the Hand & Cutting Tools section for Wad Punches, page 377

Compression Packing – K10

KLINGER

- Acrylic yarns impregnated with PTFE dispersion
- Economically priced general purpose white packing
- Suitable for use in valves and pumps with water, mild acids and alkalis
- Temperature range: -100°C–260°C
- Max. rotating speed: 10m/s
- Max. dynamic pressure: 30bar
- Max. static pressure: 100bar

1 Metre Roll					
Product Code	Size	Part Number	Product Code	Size	Part Number
191K10030M	3mm²	67066020	191K10125M	12.5mm²	67066140
191K10050M	5mm²	67066040	191K10140M	14mm²	67066160
191K10065M	6.5mm²	67066060	191K10160M	16mm²	67066180
191K10080M	8mm²	67066080	191K10190M	19mm²	67066200
191K10095M	9.5mm²	67066100	191K10250M	25mm²	67066250
191K10110M	11mm²	67066120	–	–	–
8 Metre Roll					
Product Code	Size	Part Number	Product Code	Size	Part Number
191K10030	3.0mm²	69067010	191K10125	12.5mm²	69067015
191K10050	5.0mm²	69067011	191K10140	14mm²	69067016
191K10065	6.5mm²	69067012	191K10160	16mm²	69067017
191K10080	8.0mm²	69067013	191K10190	19mm²	69067018
191K10095	9.5mm²	69067014	191K10250	25mm²	69067019

Compression Packing – K54F

KLINGER

- A clean non-contaminating packing manufactured from pure PTFE filaments
- Suitable for use in plant wide applications for pumps and valves in virtually all strong acids and alkalis where a high level of resistance to chemical attack is required
- Portable water, food and oxygen service
- Temperature range: -240°C–260°C
- pH range: 0–14
- Max. rotating speed: 5m/s
- Max. static pressure: 200bar

8 Metre Roll					
Product Code	Size	Part Number	Product Code	Size	Part Number
191K54F030	3mm²	69067041	191K54F125	12.5mm²	69067046
191K54F050	5mm²	69067042	191K54F160	16mm²	69067047
191K54F065	6.5mm²	69067043	191K54F190	19mm²	69067048
191K54F080	8mm²	69067044	191K54F220	22mm²	69067049
191K54F095	9.5mm²	69067045	191K54F250	25mm²	69067050

Compression Packing – K11

KLINGER

- Acrylic yarns impregnated with graphite dispersion
- Economically priced general purpose black packing suitable for use in valves and pumps due to its low coefficient of friction
- The graphite enhances its chemical resistance allowing it to effectively seal many forms of chemical media commonly found within today's industrial environments
- Temperature range: -100°C–300°C
- Max. rotating speed: 20m/s
- Max. dynamic pressure: 30bar
- Max. static pressure: 100bar

1 Metre Roll					
Product Code	Size	Part Number	Product Code	Size	Part Number
191K11065M	6.5mm²	69067021	191K11125M	12.5mm²	69067023
191K11095M	9.5mm²	69067022	–	–	–
8 Metre Roll					
Product Code	Size	Part Number	Product Code	Size	Part Number
191K11030	3.0mm²	69067024	191K11125	12.5mm²	69067030
191K11050	5.0mm²	69067025	191K11140	14mm²	69067031
191K11065	6.5mm²	69067026	191K11160	16mm²	69067032
191K11080	8.0mm²	69067027	191K11190	19mm²	69067033
191K11095	9.5mm²	69067028	191K11250	25mm²	69097034
191K11110	11mm²	69067029	–	–	–

Compression Packing – K13DL

KLINGER

- Flax fibre packing incorporating our unique DOULON® lubricant
- Suitable for high speed centrifugal pumps handling salt, water, mild acid and alkali slurries
- Temperature range: 0°C–90°C
- Max. rotating speed: 15m/s
- pH range: 4–9

1 Metre Roll					
Product Code	Size	Part Number	Product Code	Size	Part Number
191K13DL030M	3mm²	67062020	191K13DL110M	11mm²	67062120
191KDL050M	5mm²	67062040	191K13DL125M	12.5mm²	67062140
191K13DL065M	6.5mm²	67062060	191K13DL140M	14mm²	67062160
191K13DL080M	8mm²	67062080	191K13DL160M	16mm²	67062180
191K13DL095M	9.5m²	67062100	191K13DL190M	19mm²	67062200
8 Metre Roll					
Product Code	Size	Part Number	Product Code	Size	Part Number
191K13DL030	3mm²	67062820	191K13DL125	12.5mm²	67062940
191K13DL050	5mm²	67062840	191K13DL140	14mm²	67062960
191K13DL065	6.5mm²	67062860	191K13DL160	16mm²	67062980
191K13DL080	8mm²	67062880	191K13DL190	19mm²	67062985
191K13DL095	9.5mm²	67062900	191K13DL250	25mm²	67062990
191K13DL110	11mm²	67062920	–	–	–

Compression Packing – K3222

KLINGER

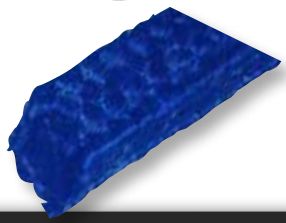
- A high performance valve and pump packing for use in high pressure and high temperature applications
- Manufactured using expanded graphite ribbons to produce a fully flexible, conformable packing with excellent sealing characteristics
- Also available, wire reinforced for higher pressure applications
- Temperature range: -200°C–430°C (650°C in steam)
- Max. rotating speed: 20m/s
- pH range: 0–14
- Max. static pressure: 100bar

8 Metre Roll					
Product Code	Size	Part Number	Product Code	Size	Part Number
1913222030	3mm²	67066989	1913222110	11mm²	67066997
1913222050	5mm²	67066991	1913222125	12.5mm²	67066998
191K54F065	6.5mm²	67066992	1913222140	14mm²	67066999
1913222080	8mm²	67066994	1913222160	16mm²	67067000
1913222095	9.5mm²	67066995	1913222190	19mm²	67067200

Slurry Pump Packing – K4333

KLINGER

- Polyimide fibre with PTFE lubricant
- Suitable for water, oils, hydrocarbons, mild acids and alkalis
- A good slurry packing in the pulp, paper and sugar industries
- Max. temperature: 260°C
- Max. rotating speed: 15m/s
- pH range: 1–12



1 Metre Roll					
Product Code	Size	Part Number	Product Code	Size	Part Number
1914333065M	6.5mm²	67070060	1914333140M	14mm²	67070160
1914333095M	9.5mm²	67070100	1914333160M	16mm²	67070180
1914333125M	12.5mm²	67070140	1914333200M	20mm²	67070200
8 Metre Roll					
Product Code	Size	Part Number	Product Code	Size	Part Number
1914333065	6.5mm²	67070560	1914333140	14mm²	67070660
1914333095	9.5mm²	67070600	1914333160	16mm²	67070680
1914333125	12.5mm²	67070640	1914333190	19mm²	67070700

Packing Extractors & Gasketing Sealant

Klinger® Sealex

- Manufactured from 100% virgin PTFE by a unique process
- The resulting product is soft, compressible and highly conformable self adhesive sealing tape
- The best choice for sealing uneven, thin and damaged flanges
- Ideal as an emergency gasket or economical solution to sealing large diameter flanges and tank lids
- It is easy to cut to length and install and requires low compressive loads to seal
- Compatible with all media across the pH range
- Max. temperature: 260°C
- Max. pressure rating: 50bar

Product Code	Thickness x Length	Part Number	Product Code	Thickness x Length	Part Number
886803	3mm x 30m	67038131	886813	12.5mm x 5m	67038135
886805	5mm x 23m	67038132	886816	16mm x 5m	67038136
886806	7mm x 15m	67038133	886819	19mm x 5m	67038137
886810	10mm x 7.5m	67038134	886820	25mm x 5m	67038138

Flexible Packing Extractors

- High quality packing extractors for use on pumps, valves and other static applications
- Assist in total removal of gland packing without damaging the shaft or the stuffing box
- Flexible shaft is ideal for extracting packing from awkward and hard to reach positions
- Replacement tips available

Product Code	Description	To Suit Packing	Part Number
191001	Size 1	6.5–9.5mm	67074015
191002	Size 2	9.5–12.5mm	67074020
191003	Size 3	12.5–16.0mm	67074025
191004	Size 4	16.0mm	67074028
K0036075/1	4 Piece Extractor Set		67074030
191005	Replacement Tip to Suit Size 1 Hook		67074229
191006	Replacement Tip to Suit Size 2 Hook		67074228
191007	Replacement Tip to Suit Size 3 Hook		67074230

For Inside & Outside Spring Joint Calipers, go to the Hand & Cutting Tools section, page 352

Gasketing Sealant

- Loctite Flange Sealants can be used to replace gaskets or help gaskets seal
- Loctite Anaerobic Flange Sealants are ideal for small gaps on rigid flanges
- Loctite Silicone Flange Sealants suit gaps up to 6mm on flexible gasket faces and offer outstanding oil resistance
- Loctite Maxx silicones are neutral cure (prevent corrosion), sensor safe and exhibit outstanding hot oil resistance

Product Code	Description	Max. Gap Fill	Temperature Range	Size	Part Number
45077	**Loctite 510 Gasket Eliminator® –** Rigid anaerobic gasketing material for high temp, high chemical resistance. Suitable for highly stressed gearboxes & motors. Adds structural rigidity & eliminates gasket compression set	0.25mm	-54 to 200ºC	50ml	32412180
45082				250ml	32412190
51531A	**Loctite 515 Master Gasket®–** Flexible anaerobic gasketing material for rigid, machined metal flanges. Eliminates paper, rubber & cork gaskets. Used for pumps, thermostat housings, transmission covers, etc	0.5mm	-54 to 150ºC	50ml	32412200
33530				300ml	32412210
51827	**Loctite 518 Gasket Eliminator® –** Flexible anaerobic gasketing material for alloy parts. For sealing rigid metal flanges against leakage & movement. Recommended for alloy flanges e.g. aluminium gearbox & engine castings	0.25mm	-54 to 150ºC	25ml	32412220
51845				300ml	32412230
34848	**Loctite 587 Blue Maxx® Silicone –** Non-corrosive, low odour, highly flexible, oil resistant, sensor safe. Ideal for inspection covers & gear boxes & where movement causes failure of regular gaskets	6mm	-60 to 260ºC	95g	32412270
34888				300ml	32412272
59630	**Loctite 596 Superflex® Red – RTV Silicone Sealant –** High temperature, viscous, low volatile product, emits small amounts of acetic acid during cure. Sensor safe. Applications include inspection plates, boilers, exhaust ducts, etc. Replaces cork or rubber	6mm	-60 to 315ºC	80ml	32412280
20166	**Loctite 5900 Heavy Bodied Silicone –** Outstanding oil resistance. Fast cure, resists blow-out. Neutral cure, sensor safe. Replaces cork and paper, suits stamped metal covers, sumps, etc.	6mm	-54 to 232ºC	300ml	32420235
30517	**Loctite Aviation Gasket Sealant –** Reliable, liquid gasket sealant, dressing, & coating. Thin brushable dressing or sealer for close-fitting parts. Approved for use in aviation as well as automotive applications. Resists gasoline, oil & grease	0.1mm	-54 to 205ºC	118ml	32412045
30511	**Loctite #1 Gasket Sealant –** Fast drying, hard setting, full rigid cure after 24 hours. Resistant to gasoline & other solvents. For use on threaded connections, air ducts & plumbing connections	0.2mm	-54 to 205ºC	85g	32412010
30514	**Loctite #2 Gasket Sealant –** Non-hardening, slow dry, flexable cure. Compatible with: cork, metal, plastic & rubber	0.1mm	-54 to 205ºC	85g	32412020
3JA	**Loctite #3 Aviation Gasket Sealant –** Slow drying, non-hardening solvent sealant. Suitable for close fitting machined surfaces, sealing hoses & dressing gaskets	0.1mm	-54 to 205ºC	50ml	32412050
30516				473ml	32412040
4J	**Loctite #4 Hard Setting Gasket Cement–** Hard setting bottle, petrol & oil resistant. For threaded connections, manifold, coating differential cover, thermostat housing & water pump gaskets	0.2mm	-55 to 170ºC	50ml	32412060

Bearing Blue

- High colour marking aid
- Easily spreadable and does not clog or dry out
- 25g tube

32226030

Hylomar Universal Blue Jointing Compound

- Non-setting gasket and sealing compound
- Polyester urethane based
- Typically used for sealing metal to metal and plastic to plastic
- Can be used to seal joint faces or threaded parts
- Resistant to a wide range of fluids including fuels, oils, water, brine, kerosenes and more
- Temperature range: -50–250°C
- 100g tube

32418030

Hylomar Gasket Jointing Compound

- Sealing adhesive spray
- Withstands high temperatures
- Resistant to most fuels
- Suitable for use on most gaskets and metals, sumps, pumps, valves, hydraulic and pneumatic assemblies, gearboxes, cylinder heads and axles
- 300g aerosol

32418050

Stag Jointing Compound

- An oil-proof, petrol-proof and waterproof anti-corrosive compound
- Suitable for air and steam lines, diesel engines and hydraulic equipment

Size	Part Number
200g Tube	32418060
400g Tin	32418070

Molykote 111 Valve & O-Ring Compound

- For control and pressure plug valves, water softener and faucet valves
- Suitable for rubber and plastic parts
- Sealant for vacuum, pressure systems and some outdoor equipment
- Damping medium for dash pots in electrical and electronic equipment
- Anti-stick and sealant for gaskets
- Weather and water resistant
- Has a low vapour pressure and volatility
- Composition: silicone oil, inorganic thickener, additives
- Temperature range: -40°C–200°C
- Translucent white colour
- 120g tube

32610170

"O" Ring Kits

Champion FASTENERS

Product Code	Description	Part Number
CA115	**Imperial Size "O" Rings –115 Pieces** – 70 S – Nitrile 14 Sizes: 3/16 to 1" I.D.	40410180
CA407	**Imperial Size "O" Rings – 407 Pieces** – 70 S – Nitrile 32 Sizes: 1/8 to 2" I.D.	40410450
CA116	**Metric Size "O" Rings – 130 Pieces** – 70 S – Nitrile 15 Sizes: 5 to 25mm I.D	40410190
CA408	**Metric Size "O" Rings – 408 Pieces** – 70 S – Nitrile 32 Sizes: 3 to 50mm I.D.	40410460

Splicing "O" Ring Cord Kits

Champion FASTENERS

CA410

- Metric
- Nitrile
- 9 sizes: 1.5 to 8.5mm
- 900mm long

40410470

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A

Accelerator
Primer ... 198

Acids & Chemicals
Methylated Spirits ... 191
Thinners ... 192
Turpentine ... 191

Acrylic
Adhesive ... 199

Adhesives
Assembly ... 195
Construction ... 195
Contact ... 196
Damp Surfaces ... 200
Epoxy ... 199
Gasketing ... 206
Instant ... 196, 197
Multi-purpose ... 195
Plastic ... 196, 197, 199
Primer ... 199
PVA Wood Glue ... 196
Retaining Compound ... 198
Silicone Sealant ... 193
Threadlocker ... 198
Thread Sealant ... 197
Windscreen ... 195

Aerostart
Engine ... 187

Air
Cleaner ... 186
Tool Oil ... 179
Tool Oil – Breaker & Hammer ... 179

Air Operated
Grease Gun ... 168
Grease Pump ... 170
Grease System ... 169
Oil Pump ... 173

Alcohol
Methylated Spirits ... 191

Anchor
Adhesive ... 195

Anti-Corrosive
Compound ... 191
Lubricant ... 185

Anti-Seize
Compound ... 183

Anti-Spatter
Welding Lubricant ... 191

Assembly
Adhesive ... 195
Anti-Seize Compound ... 183
Wet Film Spray ... 182

Automotive
Aerostart ... 187
Body Filler ... 199
Brakes & Parts Cleaner ... 188, 189
Cleaner ... 186, 188
Electronic Cleaner ... 186
Oil ... 179, 180
Sealant ... 194
Silicone Lubricant ... 186
Stop Leak ... 189
Tyre Care ... 189

Axle
Oil ... 180

B

Bandages
Pipe Repair ... 201

Barrel
Pump Cast Iron ... 175

Battery
Grease Gun ... 168
Maintenance ... 187
Terminal Protector ... 187

Bearing
Blue Grease ... 207
Lubricant ... 182

Belt
Grip ... 187

Brake
Cleaner ... 188, 189
De-Squeak ... 188

Brushable
Ceramic ... 200

Bucket
Greaser ... 169

Bushing
Anti-Seize Compound ... 183

Butyl
Primer ... 202

C

Cable
Grease ... 182

Can
Oil ... 172

Cartridge
Grease ... 181

Caulking
Gun ... 196

Cement
Exhaust ... 194
PVC Pipe Solvent ... 197

Ceramic
Adhesive ... 199
Brushable ... 200

Ceramic Shield
Welding Lubricant ... 191

Index

Chain
Lubricant ... 182, 185
Oil ... 179

Chemical
Pump ... 174

Chemicals & Acids
Methylated Spirits ... 191
Thinners ... 192
Turpentine ... 191

ChemSet
Applicator ... 196

Cleaners
Acetone ... 192
Battery ... 187
Brake & Parts ... 188, 189
Carburettor ... 189
Contact ... 186
Degreaser ... 188, 189
Electrical ... 186, 187
Methylated Spirits ... 191
Parts ... 189
Thinner ... 191, 192

Cleaning
Anti-Spatter ... 191

Coatings
Ceramic ... 200
Dry Film ... 182

Compounds
Anti-Corrosive ... 191
Anti-Seize ... 183
Combowear ... 200
Cutting ... 190
Gasket Jointing ... 207
Jointing ... 207
Lapping ... 191
O-Ring ... 207
Putty ... 200
Retaining ... 198, 199
Valve ... 207
Valve Grinding ... 190
Wear Guard ... 200

Compression
Packing ... 205

Compressor
Oil ... 180

Construction
Adhesive ... 195
Sealant ... 193

Contact
Adhesive ... 196
Cleaner ... 186

Control Valves
Grease Gun ... 170

Coolant
Radiator ... 189

Copper
Anti/Stop – Seize ... 183

Cord
O-Ring ... 207

Cordless
Grease Guns ... 168

Cordless Power Tools
Grease Gun ... 168

Cork
Rubber Gasket ... 204

Corrosion
Penetr8 ... 187

Corrosion Protection
Dry Film ... 182
Penetrant ... 187

Couplers
Button Head ... 171
Hydraulic ... 171

Crack
Detection Kit ... 201
Test ... 201

CRC
Aerostart ... 187
Battery Terminal ... 187
Belt Grip ... 187
Cleaner ... 186
Clean-R-Carb ... 189
Degreaser ... 186, 188
Exhaust Cement ... 194
Freeze Spray ... 188
Gasket Stripper ... 188
Industrial ... 184
Lubricant ... 184, 185, 186
Penetrant ... 187
Soft Seal ... 187
Tyre Protectant ... 189
Urethane Seal Coat ... 187

Cutting
Compound ... 190
Fluid ... 190
Oil ... 190

D

Degreaser
Acetone ... 192
Contact ... 186
Electronic ... 186

Denso
Mastic ... 203
Membrane ... 203
Primer ... 202
Rockmesh ... 203
Tape ... 201, 202

Devcon
Brushable Ceramic ... 200
Putty – Repair ... 199, 200

Diaphragm
Fuel Transfer Pump ... 176

Index

Diesel
- Control Nozzle ... 178
- Engine Oil ... 180
- Fuel Filter ... 176
- Meter ... 177
- Pump ... 173, 174, 175, 178
- Storage & Dispensing Kit ... 178
- Tanks ... 177
- Water Separator ... 177

Differentials
- Oil ... 180

Disinfectants
- Methylated Spirits ... 191

Dispensing
- Kits ... 178

Drum
- Diesel Pumps ... 176
- Gear Oil Pump ... 173
- Pump ... 173, 175

Dual
- Transfer Gun ... 166

E

Electric
- Cleaner ... 186
- Freeze Spray ... 188
- Fuel Meter ... 177
- Fuel Pump ... 176
- Lubricant Shield ... 186
- Oil Meter ... 177
- Sealant ... 194
- Urethane Seal Coat ... 187

Element
- Filter ... 176, 177

Engine
- Aerostart ... 187
- Diesel Oil ... 180
- Oil ... 179, 180

Epoxy
- Adhesive ... 199
- Plastic Steel ... 199
- Wear Guard ... 200

Exhaust
- Cement ... 194

Extractors
- Flexible Packing ... 206

F

Fibreglass
- Adhesive ... 199
- Lagging Rope ... 203
- Lagging Tapes ... 203
- Repair Kit ... 199

Filler
- Body ... 199
- Gap ... 192, 193
- Interior Powder ... 193
- Wood ... 192

Filter
- Diesel & Kerosene ... 176
- Element ... 177
- Fuel ... 174, 176
- Water Separator ... 177

Flange
- Anti-Seize Compound ... 183
- Sealant ... 206
- Sealing Tape ... 204

Flawfinder
- Crack Test ... 201

Flow
- Meter ... 177

Fluid
- Cutting ... 190

Foam
- Expanding ... 192

Foot Operated
- Grease Pump ... 169

Fuel
- Control Nozzle ... 178
- Filter ... 176
- Meter ... 177
- Nozzle ... 178
- Pump ... 173, 174, 175
- Refuelling Kit ... 178
- Storage & Dispensing Kit ... 178
- Transfer Pump ... 176

G

Gap
- Filler ... 193

Gaskets
- Jointing Compound ... 207
- Paper ... 204
- Rubber Corks ... 204
- Rubber Insertion ... 203
- Sealant ... 194, 206, 207
- Sealing Tape ... 204
- Sheet ... 204
- Silicone ... 194, 206
- Steam ... 204
- Stripper ... 188

Gauge
- Thread Tester – Grease Fitting ... 172

Gear
- Oil Pump ... 172, 174

Gears – Open
- Spray ... 182

Glass
- Cleaner – Methylated Spirits ... 191

Index

Glues
Adhesive ... 196, 197
PVA ... 196
Wood ... 196

Grab Kits
Grease Nipples ... 172
O-Rings ... 207

Graphite
Gasket Material ... 205
Powder ... 181

Grease
Bearing Blue ... 207
Cartridge ... 181
Control Valve ... 170
Couplers ... 171
Fittings ... 171
Fluid Wire Rope ... 182
Gadus ... 181
Gun ... 167
Gun Holder ... 168
Hoses ... 171
Lubricators ... 170
Multi-Purpose ... 181
Nipples ... 171, 172
Pumps ... 169, 170
Rubber ... 182
Transfer Pump ... 169
Type A ... 181
Wire Rope ... 182

Grease Fittings
Couplers ... 171
Nipples ... 171, 172
Thread Tester ... 172

Grease Guns
Air Operated ... 168
Battery Operated – Cordless ... 168
Holder ... 168
Lever Type ... 167, 168
Pistol ... 167
Push Type ... 167

Grease Pumps
Air Operated ... 170
Foot Operated ... 169
Transfer ... 169

Greasing Equipment
Control Valve ... 170
Couplers ... 171
Greasing System ... 169
Gun Holder ... 168
Gun – Lever Type ... 168
Hoses ... 171
Lubricators ... 170
Pumps ... 169, 170
Thread Tester ... 172

Grinding
Valve Compound ... 190

Guns
Caulking ... 196
Dual Direction Transfer ... 166
Grease ... 167, 168
Grease – Control Valve ... 170
Grease – Holder ... 168
Oil Control ... 174
Suction ... 166

H

Hammer
Air Tool Oil ... 179

Header Block
Grease Nipple Kit ... 172

Holder
Grease Gun ... 168

Hoses
Grease ... 171
Hydraulic Rubber ... 174

Hydraulic
Couplers – Grease ... 171
Hoses ... 174
Oil ... 179
Sealant ... 197

I

Insertion
Rubber ... 203

Instant
Adhesive ... 196, 197

Interior
Filler Powder ... 193

J

Jointing
Compound ... 207
Sealant ... 195

K

Kerosene
Fuel Filter ... 176

Kits
Brushable Ceramic ... 200
Crack Detection ... 201
Diesel Storage & Dispensing ... 178
Elastomeric Membrane Topcoat ... 203
Fibreglass Repair ... 199
Fuel Storage & Dispensing ... 178
Grease Gun ... 167
Grease Nipples ... 172
Header Block ... 172
O-Ring ... 207
Pipe Repair ... 201
Refuelling ... 178
Wood Glue ... 196

L

Lacquer
Thinners ... 192

Lanolin
Lubricant ... 184
Release Agent ... 183

Lapping
Compound ... 191

Lever
Plastic Pump ... 166

Lever Type
Grease Guns ... 167, 168
Oil Can ... 172

Liquid
Nails Adhesive ... 195

Loctite
Adhesive ... 196, 197
Anti-Seize ... 183
Ceramic Shield ... 191
Epoxy Adhesive ... 199
Fixmaster ... 200
Gasket Sealant ... 206
Primer ... 198, 199
Retaining Compounds ... 198
Steel Compound/Putty ... 200
Threadlocker ... 198
Thread Sealant ... 197

Lubricants
Anti-Seize ... 183
Assembly ... 182
Bearing ... 182
Chain ... 179, 182, 184, 185
CRC ... 184, 185
Cutting ... 190
Dry ... 181
Electrical ... 184, 186
Greases ... 181, 182
Greases – Wire Rope ... 182
Lanolin ... 184
Marine ... 185
Multi-Purpose ... 184
Oil – Air Tool ... 179
Oil – Assembly ... 182
Oil – Chain ... 179, 182
Oil – Compressor ... 180
Oil – Engine ... 179, 180
Oil – Hydraulic ... 179
Oil – Open Gear ... 182
Oil – Two Stroke ... 179
Release Agent ... 183, 185
Silicone ... 184, 185, 186
Soft Seal ... 187
WD-40 ... 184
Wire Rope ... 182

Lubrication Equipment
Accessories ... 170, 172
Grease Control Valve ... 170
Grease Guns ... 167, 168
Grease Pumps ... 169, 170
Grease System ... 169
Lubricator ... 170
Oil Can ... 172
Oil Control Guns ... 174
Oil Meter ... 174
Oil Pumps ... 172, 173, 174

Lubricators
Grease ... 170

M

Magnetic
Crack Test ... 201

Marine
Adhesive ... 195
Lubricant ... 185
Sealant ... 195
Tape Piling ... 202

Master Kits
Grease Nipples ... 172
O-Rings ... 207

Mastic
Super-Light Profiling ... 203

Membrane
Denso ... 203

Mesh
Rockmesh ... 203

Metal
Cutting Compound ... 190

Meters
Diesel ... 177
Flow ... 177
Fuel ... 177
Oil ... 177

Methylated
Spirits ... 191

Mineral
Turpentine ... 191

N

Nails
Liquid Adhesive ... 195

Neo Rubber
Cork – Gasket ... 204

Nickel
Anti/Stop-Seize ... 183

Nipples
Grease ... 171, 172
Grease – Thread Tester ... 172

Nozzle
Fuel Control ... 178

Index

O

Oil
Air Tool ... 179
Assembly ... 182
Can ... 172
Chain ... 179, 182
Compressor ... 180
Control Gun ... 174
Cutting ... 190
Engine ... 179, 180
Hydraulic ... 179
Meter ... 177
Open Gear ... 182
Pumps ... 172, 173, 174, 177
Tank ... 177
Transfer Pump ... 177
Transmission ... 180
Two Stroke ... 179

Open Gear
Spray ... 182

O-Ring
Compound ... 207
Kits ... 207

P

Packing
Compression ... 205
Extractors ... 206
Slurry Pump ... 205

Paint
Crack Test ... 201
Methylated Spirits ... 191
Mineral Turpentine ... 191
Stripper ... 192

Paint Brush
Cleaner ... 191

Paper
Gasket ... 204

Parts
Cleaner/Degreaser ... 188, 189

Penetrants
Corrosion/Rust ... 184, 187, 191

Petrol
Meter ... 177
Nozzle ... 178

Petrolatum
Tape ... 201

Pipe Repair
Bandages ... 201

Pistol
Grease Gun ... 167

Piston
Pump ... 173

Plastic
Adhesive ... 196, 199
Repair/Putty ... 199, 200
Steel Putty ... 199, 200
Welder ... 199

Plumbing
Silicone ... 193

Pneumatic
Tool Oil ... 179

Polyurethane
Foam ... 192
Sealant ... 195

Powder
Graphite ... 181

Primer
Adhesive & Sealant ... 198, 199
Butyl ... 202
Denso ... 202
Hi Tack ... 203
Loctite ... 198, 199

Pumps
Air Operated ... 173
Chemical ... 174
Composite Air Operated Grease ... 170
Diesel ... 173, 175
Fuel ... 173, 174, 176
Fuel Electric ... 176
Grease ... 169, 170
Oil ... 172, 173, 177
Oil Transfer Tank ... 177
Plastic Lever ... 166
Ratio Air Operated ... 170
Rotary ... 173, 175, 178
Spout for Rotary ... 176
Syphon ... 166

Push Type
Grease Gun ... 167

Putty
Plastic Steel ... 199, 200
Repair ... 200
Titanium ... 200

PVC
Adhesive ... 199
Glue ... 196
Overwrap Tape ... 201
Pipe Cement ... 197

R

Radiator
Coolant ... 189
Stop Leak ... 189

Rapp-it
Pipe Repair Bandage ... 201

Refuelling
Kit ... 178

Release Agents
Lubricant ... 185

Repair Products
Brushable Ceramic 200
Fibreglass Kit 199
Pipe Bandages 201
Putty 199, 200

Retaining
Compound 198
Compound Primer 198, 199

Rockmesh
Denso 203

Rocol
Grease 182
Lubricant 182

Roof/Gutter
Silicone 193

Rope
Fibreglass Lagging 203
Wire – Grease/Lubricant 182

Rotary
High Flow Fuel Pump 175
High Speed Pump 175
Pump 173, 174, 175

Rubber
Grease 182
Hydraulic Hoses 174

Rust
Prevention Tape 202

S

Sealants
Adhesive 193
Electrical 194
Gasket 194, 206
Heat Resistant 194
Marine 195
Multi-purpose 193, 194, 195
Primer 199
Roof & Gutter 193
Silastic 194
Silicone Adhesive 193
Soft Seal 187
Tank 195
Thread 197
Windscreen 195

Sealing
Tape 204
Thread Tapes 197

Separator
Filter Water 177

Sheet
Graphite 204
Rubber 203

Shell
Engine Oil 180
Grease 181
Oil 179, 180
Rimula 180

Silastic
Electrical Sealant 194
Gasket Sealant 194
Heat Resistant 194
Marine Sealant 195
Sealant 194
Sealant Auto 194
Windscreen Sealant 195

Silicone
Adhesive Sealant 193
Gasket 194, 206
Lubricant 184, 185, 186
Plumbing 193
Rhodorseal 194
Roof & Gutter 193

Slurry
Pump Packing 205

Soft Seal
Anti-Rust 187

Solvents
Mineral Turpentine 191
Multi-purpose 195
Paint Stripper 192
Plastic Wood Filler 192
PVC Pipe Cement 197
Thinners 192

Spirits
Methylated 191

Spout
Rotary Pump 175

Sprays
Anti-Rust 185
Chain 182
Lubricant 184, 185, 186
Lubrication 187
Open Gear 182
Silicone 185, 186
Slipicione Release 185
Wet Film Assembly 182
Wire Rope 182

Steam
Gaskets 204

Steel
Adhesive 199
Repair Putty 199, 200

Stihl
2 Stroke Oil 179
Chain Oil 179

Stop-Seize
Compund 183

Storage
Fuel 178

Stripper
Paint 192

Stroke
Oil – Two 179

Structural
Adhesive 199

Index

Suction
Gun ... 166

Super Glue
Adhesive ... 196, 197

Swivel
Hydraulic Coupler ... 171

Syphon
Pump ... 166

System
Greasing ... 169

T

Tanks
Diesel Storage & Dispensing Kit ... 178
Oil Transfer Pump ... 177
Sealant ... 195, 200
Twin Skinned ... 178

Tapes
Fibreglass Lagging ... 203
Hi Tack ... 202
Marine Piling ... 202
Petrolatum ... 201
PVC Overwrap ... 201
Rust Prevention ... 202
Sealing – Flange ... 206

Terminal
Battery Protector ... 187

Testers
Crack ... 201
Thread – Grease Nipples ... 172

Thinners
Paint ... 192
Solvent & Cleaner ... 191, 192

Thread
Lockers ... 198
Sealants ... 198
Sealing Tapes ... 197

Thread Tester
Grease Fitting ... 172

Threadlocker
Loctite ... 198
Primer ... 198, 199

Tip
Packing Extractor ... 206

Titanium
Repair – Putty ... 200

Transfer
Dual Direction Gun ... 166
Fuel Pump ... 176
Grease Pump ... 169
Oil Pump ... 177

Transmission
Oil ... 180

Trigger Type
Grease Gun ... 167

Turpentine
Mineral ... 191

Two Stroke
Engine Oil ... 179

U

Urethane
Putty ... 200
Seal Coat ... 187

V

Valves
Anti-Seize Compound ... 183
Grease Control ... 170
Grinding Compound ... 190

W

Waste
Oil Tank ... 178

Water
Diesel Filter Separator ... 177

WD-40
Lubricant ... 184

Wear Guard
Epoxy ... 200

Welder
Plastic ... 199

Welding
Anti-Spatter ... 191
Ceramic Shield ... 191
Crack Test ... 201

Wet Film
Assembly Spray ... 182

Windscreen
Adhesive/Sealant ... 195
Silastic Sealant ... 195

Wire Rope
Grease/Lubricant ... 182

Wood
Adhesive ... 195, 196, 199
Filler ... 192
Glue ... 196