LUBRICATION

Efficiency Through Precision

Smooth maintenance starts here. With grease guns, couplers, funnels, and related accessories, this lineup supports critical lubrication needs across automotive and industrial settings—minimizing wear and downtime with clean, effective solutions.

Lubrication

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DYNALINE GET IT DONE

Dynaline Lubrication Merchandisers

Dynaline offers merchandisers for almost every product. Merchandisers keep your stock organized, visible and easy to shop.

Funnels & Lubrication Gondola

PART #	CONTENTS
01033K-G	Funnels & Lubrication Gondola. Measures 79” Tall x 49.6” Wide.

Full Product Breakdown on Page 34

Lubrication Gondola

PART #	CONTENTS
00063K-G	Lubrication Gondola. Measures 79” Tall x 49.6” Wide.

Full Product Breakdown on Page 35

Funnel Tree Rack

PART #	CONTENTS
00628K	Funnel Tree Merchandiser

Full Product Breakdown on Page 36

✔ 00024 Compatible

S.A.E. O-Rings Display Board

PART #	CONTENTS
00318K	Full O-Rings Display Board

Full Product Breakdown on Page 37

✔ 00024 Compatible

Grease Accessories Display Board

PART #	CONTENTS
00527K	Full Grease Accessories Display Board

Full Product Breakdown on Page 39

✔ 00024 Compatible

Lubrication Plan-O-Gram

PART #	CONTENTS
01031K	Full Lubrication Plan-O-Gram

Full Product Breakdown on Page 40

Lubrication Plan-O-Gram

PART #	CONTENTS
00063K	Full Lubrication Plan-O-Gram

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Funnels & Lubrication Plan-O-Gram

PART #	CONTENTS
01032K	Full Funnels and Lubrication Plan-O-Gram

Full Product Breakdown on Page 41

Plastic Funnels & Measures Plan-O-Gram

PART #	CONTENTS
00626K	Full Plastic Funnels & Measures Plan-O-Gram

Full Product Breakdown on Page 43

O-Ring Tilt Bins

PART #	CONTENTS
00716K	Full O-Rings Tilt Bin. Dimensions: 23-5/8” x 3-5/8” x 36”.

Full Product Breakdown on Page 38

REFERENCE CHART AVAILABLE
See end of catalogue

Pistol Grip Grease guns allow for one handed use when dispensing grease. This frees the other hand for firmly holding a flex hose onto the fitting. Simply fill these grease guns with 14 oz cartridges, through a dispenser or bulk loaded. Maximum pressure of over 7,000 psi.

11066

Professional Pistol Grip Grease Gun

- Premium Heavy duty model
- Die cast pump head for strength and durability
- Knurled barrel for a non-slip grip
- Convenient one hand operation
- Uses standard 14 oz grease cartridges or can be bulk filled
- Working pressure: 4,500 psi, develops up to 7500 psi
- Plunger stopper mechanism holds follower rod firmly in place for easy cartridge replacement
- Includes 16” flexible hose with a protective rubber cap, coupler and bulk filler nipple
- Variable stroke feature.
- 3 way loading: filler nipple, bulk, cartridge

11084A

Premium Pistol Grease Gun - Comes with 18” Hose

- Aluminum die cast pump head for strength and durability
- Knurled barrel for a non-slip grip
- Convenient one hand operation
- Uses standard 14 oz grease cartridges or can be bulk filled
- Working pressure: 4,500 psi, develops up to 7,300 psi
- Locking plunger mechanism holds follower rod firmly in place for easy cartridge replacement
- Includes 18” flexible hose with a protective rubber cap, 5” steel extension and grease coupler
- 0.7 grams/pump
- Features air release valve and bulk filler nipple

11087A

Standard Pistol Grease Gun - Comes with 5” Steel Extension

- Aluminum die cast pump head for strength and durability
- Knurled barrel for a non-slip grip
- Convenient one hand operation
- Uses standard 14 oz grease cartridges or can be bulk filled
- Working pressure: 4,500 psi, develops up to 7,300 psi
- Plunger stopper mechanism holds follower rod firmly in place for easy cartridge replacement
- Includes 5” steel extension with a protective rubber cap and grease coupler
- 0.7 grams/pump
- Features air release valve

11089A

Mini Pistol Grease Gun

- Die cast pump head for strength and durability
- Knurled barrel for a non-slip grip
- Convenient one handed operation
- Uses standard 3 oz grease cartridges or can be bulk filled
- Working pressure: 2,000 psi, develops up to 4,000 psi
- Thumb release catch holds follower rod firmly in place for easy cartridge replacement
- Includes a 5” steel extension and grease coupler

The lever action design of our heavy duty grease guns facilitate accurate control of grease flow. Fitted with a 6” steel curved extension pipe and coupler, these grease guns provide easy access to lubrication points in cars, trucks, tractors and heavy machinery. These grease guns can be loaded with 14 oz cartridges, through a dispenser or bulk load.

11082C

Premium Heavy Duty Lever Grease Gun

- Premium Heavy duty model with cast iron pump head with chrome plated finish
- Variable stroke mechanism
- Knurled barrel for a non-slip grip
- Uses standard 14 oz grease cartridges or can be bulk filled
- 2.3 gr./stroke
- Plunger stopper holds follower rod firmly in place for easy cartridge replacement
- Includes a 6” steel curved extension pipe and coupler and protective rubber cap
- Working pressure: 4,500 psi, develops up to 10,000 psi
- Features air release valve

11085A

Heavy Duty Lever Grease Gun

- Heavy duty with die cast pump head
- Chrome plated finish
- Variable stroke feature
- Knurled barrel for a non-slip grip
- Uses standard 14 oz grease cartridges or can be bulk filled
- Plunger stopper holds follower rod firmly in place for easy cartridge replacement
- Includes a 6” steel curved extension pipe and coupler
- Working pressure: 4,500 psi, develops up to 10,000 psi
- Features air release valve

11083

Standard Lever Grease Gun

- Standard duty with die cast head
- Knurled barrel for a non-slip grip
- Uses standard 14 oz grease cartridges or can be bulk filled
- Includes a 6” steel curved extension pipe and coupler
- Plunger stopper holds follower rod firmly in place for easy cartridge replacement
- Working pressure: 4,500 psi, develops up to 10,000 psi
- Features air release valve

11073

11070

Multi-Purpose Lithium Grease

An excellent multi-purpose extreme pressure grease for ball joints, steering knuckles, chassis, etc. Very good sealing properties to keep water & dirt out (Formula EP-2).

PART #	FEATURES	DISPLAY BOX
11073	3 oz (85 g) Grease Tubes. Clamshell Package - 3 Pieces	6
11070	14 oz (400 g) Grease Tube	10

11090A

Suction Gun

Provides a fast, clean method of removing and adding transmission fluid, gear oil or oil filter service. It has large 17 ounce fluid capacity with flexible nozzle. Precision follower fitted to barrel for superior suction. Follower impervious to oil, grease and water.

- Robust design for easy draining and filling
- Capacity: 17 oz (500 cc)
- Complete with 12” vinyl hose for transmission and differential service
- Powder coated blue paint
- Precision follower provides superior suction for light grease, water and oil

11093

Fluid Transfer Pump

- Designed for the direct transfer of gasoline, oil and other non-corrosive fluids from one container to another
- Capacity: 17 oz (500 cc)
- Rugged construction
- Supplied with two 48” clear vinyl hoses

11091

Lever Action Pail Pump

- For transmission fluid and heavier oils (max. 140 wt.)
- Fits 5 gallon (20 litre) pails
- Buna-N NBR (Nitrile) sealant material
- Includes drum cover, 48” delivery hose, 46” usable hose length
- 1L per 12 strokes, 2 oz per stroke

11092A

Lever Action Barrel Pump

Specially designed for the fast transfer of lubricants, solvents, agricultural and industrial chemicals, additives and other non-corrosive liquids from 15 to 55 gallon drums with 2” bung openings.

- Heavy Duty hand operated lever action dispenses approximately 3/4 pint (350 ml) per stroke.
- Equipped with brass rings, self-adjusting telescopic suction tube.
- 2” size bung nut and cushioned vinyl handle tube
- Outlet threaded for standard male garden hose connector or supplied curved spout.
- Zinc-plated corrosion resistant finish.
- Not for use with anti-freeze
- Buna-N NBR (Nitrile) sealant material.

11094A

Rotary Barrel Pump

Specially designed for the fast transfer of lubricants, solvents, agricultural and industrial chemicals, additives and other non-corrosive liquids from 15 to 55 gallon drums with 2” bung openings.

- 1” NPT inlet, 1” O.D. discharge spout
- Heavy duty cast iron construction
- Smooth easy action
- 2” NPT threaded bung adapter
- 3 sections of 1” x 12” suction pipe included
- Compatible with: diesel, kerosene, machine oil, fuel oil, agricultural fluids, detergents, lube oil, non-corrosive petroleum products
- Delivers 7.5 gallons per 100 revolutions
- Fits 15 to 55 gallon barrels
- Includes a 1 meter hose

*Not suitable for use with gasoline, DEF or corrosive fluids.

11095

Self Priming Copper Pump

- Glass ball, stainless steel spring and 6’ of ethanol resistant hose
- 2.5 gallon/min
- 1/2” high quality copper pump

11096

Multi-Use Siphon Pump

- Includes 2 red siphon hoses (51” each) with two 1/2” connectors & 1 adapter
- 1 air pressure hose (15-1/2” long) with 2-piece adapter
- 1 dipstick tube (47” long)
- 1 liquid/air pump & siphon

11099

Primer Bulb 1/4” Barb

- Rubber and aluminum
- Open pressure: 2.90 psi
- Working pressure: 2.90-87 psi
- Work temperature: -30°C to 130°C

11097

Portable Fluid Pump

- For transmission fluid and heavier oils
- Enamel painted finish. Rugged construction
- Supplied with durable polycarbonate wheels and dispenser hose
- Hand operated pump
- 5 gallon capacity drum
- 2 oz per stroke
- 3/4” outside hose diameter
- 1/2” inside hose diameter
- 73” hose length

11802

Used Fluid Drainer

Portable, special hose design for faster fluid transfer at any height. Height adjusts from 47-3/4” to 75-3/16” for draining fluids on vehicle lifts. Rugged steel construction.

- Tank capacity: 18 gallons (68.1 L)
- Drain bowl capacity: 2.1 gallons (11.4 L)
- Heavy duty 13-15/16” diameter drainage funnel with filter screen
- 2.5 meters long evacuation hose with 1/4” - 18 NPT air coupler
- Includes regulator and gauge
- Two large 6” wheels and two 3” swivel casters
- Working pressure: 10 psi
- Gauge: 0-23 psi in 1/2 psi increments
- Drain Hose: 105” long x 1” diameter

Replacement Parts For Used Fluid Drainer (11802)

PART #	DESCRIPTION
11802-1	Handle Kit
11802-2	Drain Hose Kit
11802-3	Bowl & Ext. Tube Kit
11802-4	Bowl Kits
11802-5	Locking Knob Kit

PART #	DESCRIPTION
11802-6	Regulator Kit
11802-7	Wheel Kit
11802-8	Caster Kit
11802-9	Fluid Drainer Ball Valve
11802-10	Locking Sleeve Kit

14026

Sealable Drain Pan

- 10 L capacity
- Seals to keep fluids in during transportation

14028

Sealable Oil Drain Pan with Wheels

- 44 L capacity
- Seals to keep fluids in during transportation
- Handles on end for easy transportation

14032

Low Profile Oil Drain with Manual Pump

- 64 L capacity (17 gallon)
- 8’ evacuation hose
- 5’ suction distance
- 16.5’ lift distance
- Cast iron manual pump
- 0.3L / rotation flow rate
- Caster wheels allow for easy mobility
- Long handle for easy mobility
- Includes a mesh anti-splash cover

PART #	DESCRIPTION
14032-1	Iron Manual Pump for 14032
14032-2	Handle for Manual Pump for 14032

*Not suitable for coolant, chemicals, solvents, or other corrosive fluids.

14033

Low Profile Oil Drain - 64 L with 12V DC Battery Pump

- Durable high-density polyethylene construction tank
- Capacity: 64 L (17 gallon)
- Built-in 12V DC battery pump (cast iron)
- 5.9' evacuation hose with metal J-spout for fast fluid draining
- 3.3’ suction distance
- 16.4’ lift distance
- 15L/min flow rate
- Includes T-handle and four 4” heavy duty casters
- Includes a mesh anti-splash cover

PART #	DESCRIPTION
14033-1	12V DC Electrical Pump for 14033

*Not suitable for coolant, chemicals, solvents, or other corrosive fluids.

14022 14023

Drain Pans

Made of rugged high-density polyethylene.

PART #	CAPACITY	LENGTH	DEPTH	WIDTH
14022	16L	23”	5-1/2”	18”
14023	24L	32”	7-1/2”	21-1/2”

Not suitable for coolant, chemicals, solvents or other corrosives.

Utility Oil Drip Trays

Heavy duty polyethylene construction.

PART #	CAPACITY	LENGTH	DEPTH	WIDTH
14048	52L	24”	5-1/2”	24”
14049	78L	36”	5-1/2”	24”
14050	103L	48”	5-1/2”	24”

NEW PRODUCT

Swivel Oil Filter Wrenches

- Stainless steel auto-adjusting band.
- Swivel handle design provides access in tight spaces.
- Studded band and vinyl grip handle for added comfort.

PART #	FITS OIL FILTER DIAMETER
11052	2-7/8” to 3-1/4”
11053	3-1/2” to 3-7/8”

NEW PRODUCT

Oil Filter Wrenches

- Stainless steel auto-adjusting band.
- Swivel handle design provides access in tight spaces.
- Studded band and vinyl grip handle for added comfort.

PART #	FITS OIL FILTER DIAMETER
11056	3-1/4” to 3-7/8”
11057	3-7/8” to 4-1/2”
11058	4-5/8” to 5-1/4”

NEW PRODUCT

Carbon Steel Oil Filter Wrench

- Carbon steel construction
- Ergonomic handle offers improved leverage
- Fits oil filter diameter: 2-3/4” to 3-1/4”

PART #	FITS OIL FILTER DIAMETER
11054	2-3/4” to 3-1/4”

NEW PRODUCT

Nylon Strap Oil Filter Wrench

- Universal fit for spin-on oil filters
- Quick-adjusting design
- Durable nylon web belt keeps a solid, slip-free hold
- Carbon-steel bar
- Works with a 1/2” square-drive ratchet or 3/4” wrench

PART #	FITS OIL FILTER DIAMETER
11062	Up to 6”

NEW PRODUCT

Adjustable Locking Oil Filter Plier

- High-carbon steel construction for strength and reliability
- Large, soft, non-slip black grips
- Extra reach and leverage in tight spaces and on stubborn filters
- Engineered jaw teeth lock onto metal oil filters for a secure grip.

PART #	FITS OIL FILTER DIAMETER
11064	2-1/2” to 4-5/8”

Drum Bung Adapter

11074

- Prevents contaminants from entering drum
- Designed to last
- Wipes stinger clean

Drum Bung Adapter

PART #	FEATURES	DISPLAY BOX QTY
11074	Fits 2” NPT North American Drums. Durable Neoprene Seal. 3/4” Opening. Made from Durable PP Plastic.	12

360° Swivel Grease Coupler

Specifically designed for vehicles & equipment with hard-to-reach fittings. 1 piece in clamshell packaging.

PART #	DESCRIPTION	PRESSURE
11071A	Swivels in Full 360º Circle & Locks at any 45° Position. 1/8” NPT Female Inlet.	7,000 psi

11075A

11080A

Needle Nose Dispensers

Universal joints, tough to reach areas, 1/8” threads. 1 piece in clamshell packaging.

PART #	FEATURES	OVERALL LENGTH
11075A	1-1/2” Needle Nose Dispenser.	2-3/4”
11080A	For Dispensing a Fine Line of Grease.	1-1/2”

Needle Nose Adapter

Versatile attachment that allows you to apply grease or oil to tight spaces.

PART #	FEATURES	OVERALL LENGTH
11076	4" Long. For Hard-To-Reach Grease Points. Supplied with Locking Sleeve to Fit All Grease Couplers. In Clamshell Package.	7-1/4"

Grease Gun Holder

PART #	FEATURES
11077	Holds Grease Guns and Suction Guns with 2-1/4" Diameter Barrel. Easily Mounts on Most Surfaces.

Grease Injectors

For sealed bearings and joints. Supplied in a blister package.

PART #	FEATURES	QTY
11122	18 Gauge x 1-1/2" Long.	3/Pkg
11123A	18 Gauge x 1-1/2" Long.	1/Pkg
11124A	18 Gauge x 1-1/2" Long	2/Pkg

90° Grease Coupler

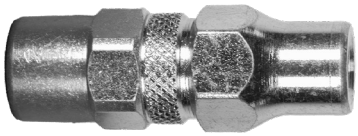
PART #	FEATURES
11081A	Can be Used Where Space is a Problem or as a General Purpose Grease Coupler. Fits All Standard Grease Guns. 1 Piece in Clamshell Package.

Grease Couplers

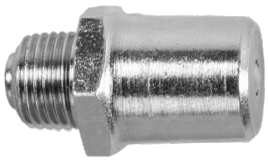
With ball check and hex nut on body end (11125 & 11125A).
Fits over grease fittings.

PART #	FEATURES	QTY
11121	6,000 psi 1/8" NPT Coupler. For Light to Medium Duty Applications.	10/Pkg
11121A	6,000 psi 1/8" NPT Coupler. For Light to Medium Duty Applications. Comes in Dynapak.	1/Pkg
11125	10,000 psi 1/8" NPT Coupler. For Heavy Duty Applications.	5/Pkg
11125A	10,000 psi 1/8" NPT Coupler. For Heavy Duty Applications. Comes in Dynapak.	1/Pkg

11121, 11121A



11125, 11125A



Grease Filler Nipple

Fits into grease gun heads.

PART #	DESCRIPTION	QTY
11079A	Grease Filler Nipple, in Dynapak.	1/Pkg

Grease Gun Pipe

For manual grease guns only.

PART #	LENGTH	ENDS	SAFE WORKING PRESSURE	PACKAGE TYPE
11078	5-1/2”	1/8” NPT	6,000 psi	Polybag

Grease Hose - Nylon

Reinforced thermoplastic cover with nylon braid. Comes in retail packaging.

PART #	LENGTH	ENDS	SAFE WORKING PRESSURE	WORKING TEMPERATURE
11140	12”	1/8” NPT	4,500 psi	-40°C to 95°C
11141	18”	1/8” NPT	4,500 psi	-40°C to 95°C

Grease Hose - Steel Wire

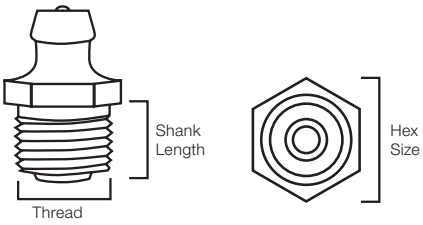
Reinforced rubber cover with steel wire braid. Comes in retail packaging.

PART #	LENGTH	ENDS	SAFE WORKING PRESSURE	WORKING TEMPERATURE
11144	24”	1/8” NPT	3,600 psi	-40°C to 95°C
11142A	12”	1/8” NPT	3,600 psi	-40°C to 95°C
11143A	18”	1/8” NPT	3,600 psi	-40°C to 95°C

Grease Hose - Steel Wire (in Display Box)

Reinforced rubber cover with steel wire braid. Working temperature: -40°C to 95°C. Each grease hose is individually UPC barcode labeled inside a full colour display box. 10 pieces per display box.

PART #	LENGTH	ENDS	SAFE WORKING PRESSURE	WORKING TEMPERATURE
11142	12”	1/8” NPT	3,600 psi	-40°C to 95°C
11143	18”	1/8” NPT	3,600 psi	-40°C to 95°C



S.A.E. Grease Fittings (Grease Zerks)

Tested to 8,000 psi, 08F Carbon Steel. Zinc plated finish.

BULK PACK PART #	QTY	MINI-PACK PART #	QTY	DYNAPAK PART #	QTY	TYPE	THREAD	OVERALL LENGTH	SHANK LENGTH (MM)	HEX SIZE (MM)	INDUSTRY#
11100	100	**11400**	25	**11100A**	10	Straight	1/8" NPT*	21/32" (17.52 mm)	7.51	11.00	1610
11102	100	**11402**	25	**11102A**	5	45º	1/8" NPT*	7/8" (22.60 mm)	7.50	11.00	1688
11104	100	**11404**	25	**11104A**	5	90º	1/8" NPT*	27/32" (21.40 mm)	7.50	11.00	1613
11105	100	**11405**	25	**11105A**	10	Straight	1/4" - 28	1/2" (13.97 mm)	4.80	8.00	1641
11106	100	**11406**	25	**11106A**	10	Straight	1/4" - 28 Long	11/16" (17.5 mm)	9.10	8.00	1652
11107	100	**11407**	25	**11107A**	5	45º	1/4" - 28	7/8" (20.57 mm)	5.15	9.50	1637
11109	100	**11409**	25	**11109A**	5	90º	1/4" - 28	25/32" (19.05 mm)	5.15	9.50	1911
11110	50	**11410**	25	**11110A**	5	Straight	1/4" NPT*	15/16" (22.35 mm)	10.70	14.30	1627
11112	100	**11412**	25	**11112A**	5	Straight	5/16" - 24UNF	21/32" (14.30 mm)	4.00	9.50	1711
11113	100	**11413**	25	**11113A**	5	Straight	3/8" - 24UNF	9/16" (15.75 mm)	6.35	11.00	1710

* NPT - National Pipe Thread **UNF - Unified National Fine *** Threads Per Inch

Metric Grease Fittings

Tested to 8,000 psi, 08F carbon steel. Zinc plated finish.

BULK PACK PART #	QTY	MINI-PACK PART #	QTY	DYNAPAK PART #	QTY	TYPE	THREAD	OVERALL LENGTH (MM)	INDUSTRY#
11114	100	**11414**	25	**11114A**	5	Straight	M6 x 1	15.00	2106
11115	100	**11415**	25	**11115A**	5	45º	M6 x 1	20.50	2107
11116	100	**11416**	25	**11116A**	5	90º	M6 x 1	19.00	2108
11117	100	**11417**	25	**11117A**	5	Straight	M8 x 1	15.70	2103
11118	100	**11418**	25	**11118A**	5	45º	M8 x 1	20.50	2104
11119	100	**11419**	25	**11119A**	5	90º	M8 x 1	19.00	2105
11120	100	**11420**	25	**11120A**	5	Straight	M10 x 1	16.00	2109
11126	100	**11426**	25	**11126A**	5	45º	M10 x 1	22.60	2110
11127	100	**11427**	25	**11127A**	5	90º	M10 x 1	21.40	2111

Drive-In Grease Fittings

Use a drive-in grease fitting tool to tap into desired area. Tested to 8,000 psi, 08F Carbon Steel. Zinc plated finish.

BULK PACK PART #	QTY	MINI-PACK PART #	QTY	DYNAPAK PART #	QTY	DRILL SIZE	OVERALL LENGTH	INDUSTRY#
11131	100	**11431**	25	**11131A**	5	3/16”	33/64”	1728-B
11132	100	**11432**	25	**11132A**	5	1/4”	35/64”	1743-B
11133	100	**11433**	25	**11133A**	5	5/16”	35/64”	1608-B
11134	100	**11434**	25	**11134A**	5	3/8”	37/64”	1666 (with Ball Check)

13000

Grease Box

- A convenient and durable storage container for grease tubes.
- Features snap top lid, grip handles & carry strap.
- Provides safe storage and transportation, preventing spills & contamination.
- Stores 12 tubes upright, dust caps on.

Grease tubes not included.

Thumb Pistol

Pump Oilers

Seamless steel body and brass pump mechanism. Durable enamel painted finish. Supplied with flexible and rigid metal spouts.

PART #	TYPE	CAPACITY
13604	Pistol	4.4 oz (125 cc)
13607	Thumb Pump	7 oz (200 cc)
13610	Thumb Pump	10.6 oz (300 cc)
13617	Thumb Pump	17 oz (500 cc)
13624	Thumb Pump	24 oz (700 cc)

Oilers with Base

Ideal for oils, acids, adhesives, etc. Will not rust, leak or dent. Made of flexible, durable polyethylene. Removable base for easy cleaning.

PART #	PART #	DESCRIPTION
13030	**C30300**	3” Nozzle, 6 oz / 170 mL capacity, natural
13031	**C30310**	3” Nozzle, 10 oz / 284 mL capacity, natural

Multi-Purpose Funnels

Flexible, durable, spark-proof, dent-proof, rust-proof polyethylene. Features a handy hang-up tab.

DYNALINE CLUTHE

PART #	PART #	SIZE	CAPACITY	SPOUT DIAMETER	SPOUT LENGTH	OPENING DIAMETER
13504	C35040	4”	8 oz (237 mL)	1/2”	2-1/2”	3-7/8”
13505	C35050	5”	14 oz (414 mL)	1/2”	1-1/4”	4-3/4”
13506		6”	32 oz (946 mL)	5/8”	2”	5-3/4”
13507	C35070	7”	28 oz (828 mL)	1/2”	2-1/2”	6-3/4”
13508		8”	120 oz (3.55 L)	1”	3-7/8”	7-5/8”
13510		10”	160 oz (4.73 L)	1-1/2”	3-7/8”	9-7/8”

Funnel Set

PART #	DESCRIPTION
13503	3 Piece, One each of: 4”, 5” and 6” Multi-Purpose Funnels, Translucent
13511	4 Piece, One each of: 2”, 3”, 4”, 5” Multi-Purpose Funnels, Orange

Industrial Funnels

Made of flexible, durable, spark-proof, dent-proof, rust-proof, clear polyethylene. Features a handy hang-up tab. Supplied with one 100 mesh filter.

DYNALINE CLUTHE

PART #	PART #	SIZE	CAPACITY	SPOUT DIAMETER	SPOUT LENGTH	OPENING DIAMETER
13003	C30030	3”	6 oz (177 mL)	3/16”	1-7/8”	3”
13005	C30050	5”	24 oz (710 mL)	1/2”	2-1/4”	5-3/8”
13009	C30090	9”	144 oz (4.26 L)	1”	3-3/8”	8-1/2”

Automotive Funnel

Made of flexible, durable, spark-proof, dent-proof, rust-proof, clear polyethylene. Features a handy hang-up tab. Supplied with one 100 mesh filter.

DYNALINE CLUTHE

PART #	PART #	SIZE	CAPACITY	SPOUT DIAMETER	SPOUT LENGTH	OPENING DIAMETER
13008	C30080	8”	120 oz (3.5 L)	7/8”	5-1/4”	7-1/2”

Anti-Splash Funnels

Made of flexible, durable, spark-proof, dent-proof, rust-proof, clear polyethylene. Features a handy hang-up tab. Supplied with anti-splash rim and one 100 mesh filter.

DYNALINE CLUTHE

PART #	PART #	SIZE	CAPACITY	SPOUT DIAMETER	SPOUT LENGTH	OPENING DIAMETER
13015	C30150	5”	24 oz (710 mL)	1/2”	2-1/4”	5-1/4”
13019	C30190	9”	144 oz (4.26 L)	1”	3-3/8”	8-1/4”

2-in-1 Flexible Spout Funnel

Complete with mesh filter. Detachable spout.

PART #	SIZE	SPOUT DIAMETER	SPOUT LENGTH	OPENING DIAMETER
14015	15.6”	3/8”	10”	6-1/2”

NEW PRODUCT

Retractable Flex Funnel

Durable flex funnel with a threaded retractable and detachable spout. Easy hand grip placement.

PART #	CAPACITY	OVERALL LENGTH	OPENING DIAMETER	SPOUT DIAMETER	SPOUT LENGTH
13010	0.9L	14” - 18”	4-3/4”	15/32”	6-11/16” - 10-5/8”

Heavy Duty Flex Spout Funnel

Heavy duty. Complete with metal filter screen. Orange in colour.

PART #	OVERALL LENGTH	OPENING DIAMETER	SPOUT DIAMETER
14013	17”	7”	3/4”

Replacement Funnel Filter

Fits industrial, automotive and anti-splash funnels.

PART #	FEATURES	DIAMETER	QTY
13100	100 Mesh	2”	10/Pkg

Transmission Funnel

Detachable spout.

PART #	OVERALL LENGTH	SPOUT DIAMETER	SPOUT LENGTH	OPENING DIAMETER
14017	22”	3/8”	16”	5-1/2”

Super Funnel

PART #	OVERALL LENGTH	SPOUT DIAMETER	SPOUT LENGTH	OPENING DIAMETER
14018	18”	3/8”	7”	5”

Dirt-Free Funnels

Flexible, durable, spark proof, dent proof, leak proof. Large handle. Removable caps on opening and spout prevent foreign material from entering when not in use.

PART #	OVERALL LENGTH	COLOUR	OPENING DIAMETER	SPOUT DIAMETER
14035	15”	Yellow	4-1/2”	5/8”
14037	17”	Orange	4-1/2”	9/16”

Measurer with Lid & Nozzle

Will not rust, dent or leak. Ideal for handling all kinds of fluids. Embedded lid and nozzle.

PART #	CAPACITY	SPOUT DIAMETER	SPOUT LENGTH
14040	1 gallon (4 L)	5/8”	2-3/4” to 8-1/4”

Measuring Container

US, Imperial, and Metric graduations. Ideal for fluids and dry material.

DYNALINE CLUTHE

PART #	PART #	CAPACITY	DESCRIPTION
13402	**C34026**	87 oz / 2.5 L	Calibrated Measurer with Detachable Lid and Nozzle
14025	**C34020**	87 oz / 2.5 L	Calibrated Measurer
14045X	**C34046**	152 oz / 4.5 L	Calibrated Measurer with Detachable Lid and Nozzle
13404	**C34040**	155 oz / 4.5 L	Calibrated Measurer

14025 13402

Measurer with Fixed Lid & Nozzle

US, Imperial, and Metric graduations. Ideal for fluids and dry material. Blow molded fixed lid.

PART #	CAPACITY	SPOUT DIAMETER	SPOUT LENGTH
14045	152 oz (4.5 L)	7/16”	5”

Measuring Scoops

US, Imperial, and Metric graduations. Ideal for handling dry materials. Translucent colour.

DYNALINE CLUTHE

PART #	PART #	CAPACITY	DESCRIPTION
13311	**C33110**	52 oz (1.5 L)	7” Scoop, 11-1/2” Overall Length
13314	**C33140**	104 oz (3 L)	10” Overall Length

13314

13311

Automatic Battery Filler

Safety nozzle/push-in style. Automatic shut-off to help prevent spilling and over filling.

PART #	CAPACITY	SPOUT DIAMETER	SPOUT LENGTH
14024	1/2 gal (2 L)	7/32”	2-1/2”

Easy Flow Funnel

Offset spout for the hard to reach areas. For oils and other engine fluids. Perfect for small engines, lawnmowers, ATVs, motorcycles, tractors, generators, pressure washers, trucks and motorized equipment.

PART #	CAPACITY	LENGTH	SPOUT DIAMETER	DIAMETER
13007	1L	16”	1/2”	4.5”

Tractor Funnel

Heavy duty galvanized steel. Comes with one gold mesh filter, 11-1/2” high, 9-1/2” diameter.

PART #	CAPACITY	TIP OUTSIDE DIAMETER	SPOUT DIAMETER	SPOUT LENGTH
13811	8 qt. (7.5 L)	1”	1”	3-5/8”

Offset Transmission Funnel

Black painted finish, 7” diameter. Comes with mesh filter.

PART #	CAPACITY	FIXED OUTSIDE DIAMETER	FLEX SPOUT DIAMETER	FLEX SPOUT LENGTH
14008	2 L	1”	5/8”	17”

Transmission Funnel

Galvanized metal, 5-1/2” diameter. Complete with mesh filter.

PART #	CAPACITY	FIXED SPOUT DIAMETER	FLEX SPOUT DIAMETER	FLEX SPOUT LENGTH
14014	1 L	5/8”	1/2”	14”

Metal Measurer

Made of heavy duty galvanized steel. Complete with flex spout and easy grip handle.

PART #	CAPACITY	SPOUT DIAMETER	SPOUT LENGTH
14140	4 qt. (4 L)	1/2”	7-1/2”

S.A.E. O-Rings

Used for petroleum based fuel/oil, water, alcohol, some acids and bases. Temperature range -55°C to 120°C. Buna N-70R Nitrile Durometer A. Conforms to ASTM D2000 M2BF714, B14, EA14, EF11, EF21, EO14 & EO34.

PART#	INDUSTRY#	THICKNESS	INSIDE DIAMETER	OUTSIDE DIAMETER	QTY
54006	6	1/16”	1/8”	1/4”	15/Pkg
54007	7	1/16”	5/32”	9/32”	15/Pkg
54008	8	1/16”	3/16”	5/16”	15/Pkg
54009	9	1/16”	7/32”	11/32”	15/Pkg
54010	10	1/16”	1/4”	3/8”	15/Pkg
54011	11	1/16”	5/16”	7/16”	15/Pkg
54012	12	1/16”	3/8”	1/2”	15/Pkg
54013	13	1/16”	7/16”	9/16”	10/Pkg
54014	14	1/16”	1/2”	5/8”	10/Pkg
54015	15	1/16”	9/16”	11/16”	10/Pkg
54016	16	1/16”	5/8”	3/4”	10/Pkg
54017	17	1/16”	11/16”	13/16”	10/Pkg
54018	18	1/16”	3/4”	7/8”	10/Pkg
54019	19	1/16”	13/16”	15/16”	10/Pkg
54020	20	1/16”	7/8”	1”	10/Pkg
54021	21	1/16”	15/16”	1-1/16”	10/Pkg
54022	22	1/16”	1”	1-1/8”	10/Pkg
54023	23	1/16”	1-1/16”	1-3/16”	10/Pkg
54024	24	1/16”	1-1/8”	1-1/4”	10/Pkg
54025	25	1/16”	1-3/16”	1-5/16”	10/Pkg
54026	26	1/16”	1-1/4”	1-3/8”	10/Pkg
54027	27	1/16”	1-5/16”	1-7/16”	10/Pkg
54028	28	1/16”	1-3/8”	1-1/2”	10/Pkg
54110	110	3/32”	3/8”	9/16”	15/Pkg
54111	111	3/32”	7/16”	5/8”	15/Pkg
54112	112	3/32”	1/2”	11/16”	15/Pkg
54113	113	3/32”	9/16”	3/4”	15/Pkg
54114	114	3/32”	5/8”	13/16”	15/Pkg
54115	115	3/32”	11/16”	7/8”	15/Pkg
54116	116	3/32”	3/4”	15/16”	15/Pkg
54117	117	3/32”	13/16”	1”	10/Pkg
54118	118	3/32”	7/8”	1-1/16”	10/Pkg
54119	119	3/32”	15/16”	1-1/8”	10/Pkg
54120	120	3/32”	1”	1-3/16”	10/Pkg
54121	121	3/32”	1-1/16”	1-1/4”	10/Pkg
54122	122	3/32”	1-1/8”	1-5/16”	10/Pkg
54123	123	3/32”	1-3/16”	1-3/8”	10/Pkg
54124	124	3/32”	1-1/4”	1-7/16”	10/Pkg
54125	125	3/32”	1-5/16”	1-1/2”	10/Pkg
54126	126	3/32”	1-3/8”	1-9/16”	10/Pkg
54127	127	3/32”	1-7/16”	1-5/8”	10/Pkg
54128	128	3/32”	1-1/2”	1-11/16”	10/Pkg
54129	129	3/32”	1-9/16”	1-3/4”	10/Pkg
54130	130	3/32”	1-5/8”	1-13/16”	10/Pkg

PART#	INDUSTRY#	THICKNESS	INSIDE DIAMETER	OUTSIDE DIAMETER	QTY
54131	131	3/32”	1-11/16”	1-7/8”	10/Pkg
54132	132	3/32”	1-3/4”	1-15/16”	10/Pkg
54133	133	3/32”	1-13/16”	2”	10/Pkg
54134	134	3/32”	1- 7/8”	2-1/16”	10/Pkg
54135	135	3/32”	1-15/16”	2-1/8”	10/Pkg
54136	136	3/32”	2”	2-3/16”	10/Pkg
54137	137	3/32”	2-1/16”	2-1/4”	10/Pkg
54138	138	3/32”	2-1/8”	2-5/16”	10/Pkg
54139	139	3/32”	2-3/16”	2-3/8”	10/Pkg
54140	140	3/32”	2-1/4”	2-7/16”	10/Pkg
54141	141	3/32”	2-5/16”	2-1/2”	10/Pkg
54142	142	3/32”	2-3/8”	2-9/16”	10/Pkg
54143	143	3/32”	2-7/16”	2-5/8”	10/Pkg
54144	144	3/32”	2-1/2”	2-11/16”	10/Pkg
54145	145	3/32”	2-9/16”	2-3/4”	10/Pkg
54146	146	3/32”	2-5/8”	2-13/16”	10/Pkg
54147	147	3/32”	2-11/16”	2-7/8”	10/Pkg
54148	148	3/32”	2-3/4”	2-15/16”	10/Pkg
54149	149	3/32”	2-13/16”	3”	10/Pkg
54210	210	1/8”	3/4”	1”	10/Pkg
54211	211	1/8”	13/16”	1-1/16”	10/Pkg
54212	212	1/8”	7/8”	1-1/8”	10/Pkg
54213	213	1/8”	15/16”	1-3/16”	10/Pkg
54214	214	1/8”	1”	1-1/4”	10/Pkg
54215	215	1/8”	1-1/16”	1-5/16”	10/Pkg
54216	216	1/8”	1-1/8”	1-3/8”	10/Pkg
54217	217	1/8”	1-3/16”	1-7/16”	10/Pkg
54218	218	1/8”	1-1/4”	1-1/2”	10/Pkg
54219	219	1/8”	1-5/16”	1-9/16”	10/Pkg
54220	220	1/8”	1-3/8”	1-5/8”	10/Pkg
54221	221	1/8”	1-7/16”	1-11/16”	10/Pkg

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S.A.E. O-Rings Continued

PART#	INDUSTRY#	THICKNESS	INSIDE DIAMETER	OUTSIDE DIAMETER	QTY
54222	222	1/8”	1-1/2”	1-3/4”	10/Pkg
54223	223	1/8”	1-5/8”	1-7/8”	10/Pkg
54224	224	1/8”	1-3/4”	2”	10/Pkg
54225	225	1/8”	1-7/8”	2-1/8”	10/Pkg
54226	226	1/8”	2”	2-1/4”	10/Pkg
54227	227	1/8”	2-1/8”	2-3/8”	10/Pkg
54228	228	1/8”	2-1/4”	2-1/2”	10/Pkg
54229	229	1/8”	2-3/8”	2-5/8”	10/Pkg
54230	230	1/8”	2-1/2”	2-3/4”	10/Pkg
54231	231	1/8”	2-5/8”	2-7/8”	10/Pkg
54232	232	1/8”	2-3/4”	3”	10/Pkg
54233	233	1/8”	2-7/8”	3-1/8”	10/Pkg
54234	234	1/8”	3”	3-1/4”	10/Pkg
54235	235	1/8”	3-1/8”	3-3/8”	10/Pkg
54236	236	1/8”	3-1/4”	3-1/2”	10/Pkg
54237	237	1/8”	3-3/8”	3-5/8”	10/Pkg
54238	238	1/8”	3-1/2”	3-3/4”	10/Pkg
54239	239	1/8”	3-5/8”	3-7/8”	10/Pkg
54240	240	1/8”	3-3/4”	4”	10/Pkg
54241	241	1/8”	3-7/8”	4-1/8”	10/Pkg
54242	242	1/8”	4”	4-1/4”	10/Pkg
54243	243	1/8”	4-1/8”	4-3/8”	10/Pkg
54244	244	1/8”	4-1/4”	4-1/2”	10/Pkg
54245	245	1/8”	4-3/8”	4-5/8”	10/Pkg
54246	246	1/8”	4-1/2”	4-3/4”	10/Pkg
54247	247	1/8”	4-5/8”	4-7/8”	10/Pkg
54248	248	1/8”	4-3/4”	5”	10/Pkg
54249	249	1/8”	4-7/8”	5-1/8”	5/Pkg
54250	250	1/8”	5”	5-1/4”	5/Pkg
54251	251	1/8”	5-1/8”	5-3/8”	5/Pkg
54252	252	1/8”	5-1/4”	5-1/2”	5/Pkg
54253	253	1/8”	5-3/8”	5-5/8”	5/Pkg
54254	254	1/8”	5-1/2”	5-3/4”	5/Pkg
54255	255	1/8”	5-5/8”	5-7/8”	5/Pkg
54256	256	1/8”	5-3/4”	6”	5/Pkg
54257	257	1/8”	5-7/8”	6-1/8”	5/Pkg
54258	258	1/8”	6”	6-1/4”	5/Pkg
54325	325	3/16”	1-1/2”	1-7/8”	5/Pkg

PART#	INDUSTRY#	THICKNESS	INSIDE DIAMETER	OUTSIDE DIAMETER	QTY
54326	326	3/16”	1-5/8”	2”	5/Pkg
54327	327	3/16”	1-3/4”	2-1/8”	5/Pkg
54328	328	3/16”	1-7/8”	2-1/4”	5/Pkg
54329	329	3/16”	2”	2-3/8”	5/Pkg
54330	330	3/16”	2-1/8”	2-1/2”	5/Pkg
54331	331	3/16”	2-1/4”	2-5/8”	5/Pkg
54332	332	3/16”	2-3/8”	2-3/4”	5/Pkg
54333	333	3/16”	2-1/2”	2-7/8”	5/Pkg
54334	334	3/16”	2-5/8”	3”	5/Pkg
54335	335	3/16”	2-3/4”	3-1/8”	5/Pkg
54336	336	3/16”	2-7/8”	3-1/4”	5/Pkg
54337	337	3/16”	3”	3-3/8”	5/Pkg
54338	338	3/16”	3-1/8”	3-1/2”	5/Pkg
54339	339	3/16”	3-1/4”	3-5/8”	5/Pkg
54340	340	3/16”	3-3/8”	3-3/4”	5/Pkg
54341	341	3/16”	3-1/2”	3-7/8”	5/Pkg
54342	342	3/16”	3-5/8”	4”	5/Pkg
54343	343	3/16”	3-3/4”	4-1/8”	5/Pkg
54344	344	3/16”	3-7/8”	4-1/4”	5/Pkg
54345	345	3/16”	4”	4-3/8”	5/Pkg
54346	346	3/16”	4-1/8”	4-1/2”	5/Pkg
54347	347	3/16”	4-1/4”	4-5/8”	5/Pkg
54348	348	3/16”	4-3/8”	4-3/4”	5/Pkg
54349	349	3/16”	4-1/2”	4-7/8”	5/Pkg
54350	350	3/16”	4-5/8”	5”	5/Pkg
54425	425	1/4”	4-1/2”	5”	2/Pkg
54426	426	1/4”	4-5/8”	5-1/8”	2/Pkg
54427	427	1/4”	4-3/4”	5-1/4”	2/Pkg
54428	428	1/4”	4-7/8”	5-3/8”	2/Pkg
54429	429	1/4”	5”	5-1/2”	2/Pkg
54430	430	1/4”	5-1/8”	5-5/8”	2/Pkg
54431	431	1/4”	5-1/4”	5-3/4”	2/Pkg
54432	432	1/4”	5-3/8”	5-7/8”	2/Pkg
54433	433	1/4”	5-1/2”	6”	2/Pkg
54434	434	1/4”	5-5/8”	6-1/8”	2/Pkg
54435	435	1/4”	5-3/4”	6-1/4”	2/Pkg
54436	436	1/4”	5-7/8”	6-3/8”	2/Pkg
54437	437	1/4”	6”	6-1/2”	2/Pkg

The products above are also available in convenient and easy-to-stock kits. See the Assortments section for more information on these products.

Full Product Breakdown on Pages 173 and 175

00151

00154

Metric O-Rings

Buna N-70R Nitrile Durometer A. Conforms to ASTM D2000 M2BF714, B14, EA14, EF11, EF21, EO14, EO34.

PART #	INSIDE DIAMETER	OUTSIDE DIAMETER	THICKNESS	QTY
54501	3 mm	7 mm	2 mm	10/Pkg
54502	5 mm	9 mm	2 mm	10/Pkg
54503	6 mm	10 mm	2 mm	10/Pkg
54504	8 mm	12 mm	2 mm	10/Pkg
54505	10 mm	14 mm	2 mm	10/Pkg
54506	13 mm	17 mm	2 mm	10/Pkg
54507	10 mm	15 mm	2.5 mm	10/Pkg
54508	12 mm	17 mm	2.5 mm	10/Pkg
54509	14 mm	19 mm	2.5 mm	10/Pkg
54510	15 mm	20 mm	2.5 mm	10/Pkg
54511	16 mm	21 mm	2.5 mm	10/Pkg
54512	19 mm	23 mm	2.5 mm	10/Pkg
54513	20 mm	25 mm	2.5 mm	10/Pkg
54514	21 mm	26 mm	2.5 mm	10/Pkg
54515	22 mm	27 mm	2.5 mm	10/Pkg
54516	18 mm	25 mm	3.5 mm	10/Pkg

PART #	INSIDE DIAMETER	OUTSIDE DIAMETER	THICKNESS	QTY
54517	20 mm	27 mm	3.5 mm	10/Pkg
54518	22 mm	29 mm	3.5 mm	10/Pkg
54519	23 mm	30 mm	3.5 mm	10/Pkg
54520	25 mm	32 mm	3.5 mm	10/Pkg
54521	27 mm	34 mm	3.5 mm	10/Pkg
54522	28 mm	35 mm	3.5 mm	10/Pkg
54523	30 mm	37 mm	3.5 mm	10/Pkg
54524	31 mm	38 mm	3.5 mm	10/Pkg
54525	32 mm	39 mm	3.5 mm	10/Pkg
54526	34 mm	41 mm	3.5 mm	10/Pkg
54527	36 mm	43 mm	3.5 mm	10/Pkg
54528	38 mm	45 mm	3.5 mm	10/Pkg
54529	41 mm	48 mm	3.5 mm	10/Pkg
54530	44 mm	51 mm	3.5 mm	10/Pkg
54531	46 mm	53 mm	3.5 mm	10/Pkg
54532	50 mm	57 mm	3.5 mm	10/Pkg

High Pressure O-Rings

Buna N-90R Nitrile Durometer A, rigid material, stronger. Handles more pressure.

PART #	INDUSTRY#	THICKNESS	INSIDE DIAMETER	OUTSIDE DIAMETER	QTY
54901	901	1/16”	3/16”	5/16”	10/Pkg
54902	902	1/16”	1/4”	3/8”	10/Pkg
54903	903	1/16”	5/16”	7/16”	10/Pkg
54904	904	1/16”	11/32”	1/2”	10/Pkg
54905	905	1/16”	7/16”	9/16”	10/Pkg
54906	906	1/16”	15/32”	5/8”	10/Pkg
54907	907	1/16”	17/32”	11/16”	10/Pkg
54908	908	3/32”	21/32”	13/16”	10/Pkg
54909	909	3/32”	23/32”	29/32”	10/Pkg
54910	910	3/32”	3/4”	15/16”	10/Pkg

PART #	INDUSTRY#	THICKNESS	INSIDE DIAMETER	OUTSIDE DIAMETER	QTY
54911	911	1/8”	7/8”	1-3/32”	10/Pkg
54912	912	1/8”	15/16”	1-5/32”	10/Pkg
54913	913	1/8”	1”	1-7/32”	10/Pkg
54914	914	1/8”	1-1/16”	1-1/4”	10/Pkg
54916	916	1/8”	1-3/16”	1-3/8”	10/Pkg
54918	918	1/8”	1-3/8”	1-9/16”	10/Pkg
54920	920	1/8”	1-1/2”	1-3/4”	10/Pkg
54924	924	1/8”	1-3/4”	2”	10/Pkg
54928	928	1/8”	2-3/16”	2-3/8”	10/Pkg
54932	932	1/8”	2-3/8”	2-9/16”	10/Pkg

S.A.E. O-Rings Merchandiser

Dynaline offers merchandisers for most products and we can help get your stock organized. We offer O-rings on a display merchandiser, as shown, or in tilt bin option.

PART #	CONTENTS
00318K	Full O-Rings Merchandiser

Full Product Breakdown on Page 37

What is Nitrile (Buna-N NBR)?

- Nitrile rubber is the general term for acrylonitrile butadiene terpolymer
- The acrylonitrile content of the nitrile sealing compounds varies considerably
- The higher the acrylonitrile content, the better the resistance to oil and fuel
- At the same time, elasticity and resistance to compression set is adversely affected. In view of these opposing realities, a compromise is often drawn, and a medium acrylonitrile content selected
- Nitrile has good mechanical properties when compared with other elastomers and high wear resistance
- Nitrile is not resistant to weathering and ozone

Impermeability	Good
Oil Resistance	Excellent
Ozone Resistance	Poor
Set Resistance	Good to excellent
Tear Resistance	Fair to good
Tensile Strength	Good to excellent
Water Resistance	Fair to good
Weather Resistance	Fair
Abrasion Resistance	Good
Acid Resistance	Fair
Chemical Resistance	Fair to good
Cold Resistance	Good
Dynamic Properties	Good to excellent
Electrical Properties	Fair
Flame Resistance	Poor
Heat Resistance	Good

Heat Resistance:

Up to 212° F (100°C) with shorter life at 250°F (121°C).

Cold Flexibility:

Depending on individual compound, between -30°F and -70°F (-34°C and -57°C).

Chemical Resistance:

- Aliphatic hydrocarbons (propane, butane, petroleum oil, mineral oil and grease, diesel fuel, fuel oils)
- Vegetable and mineral oils and greases
- HFA, HFB and HFC fluids.
- Dilute acids,
- Alkali and salt solutions at low temperatures
- Water (special compounds up to 212°F (100°C))

Not Compatible with:

- Fuels of high aromatic content (for flex fuels, a special compound must be used)
- Aromatic hydrocarbons (benzene)
- Chlorinated hydrocarbons (trichlorethylene)
- Polar solvents (keytone, acetone, acetic acid, ethyleneester)
- Strong acids
- Brake fluid with glycol base
- Ozone, weather and atmospheric aging