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Aerosol Cross-Reference Chart

Lubricants

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Cleaning & Polishing

NEW! Metalglaz Cleaner & Polisher	I 10
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MEGACUT® Threading & Cutting Fluid



MEGACUT® threading and cutting fluid formulation is specially engineered for efficient, close tolerance cutting. It is used on ALL METALS and with great ease on difficult-to-machine aerospace alloys, aluminum and titanium. It is stable at elevated temperatures and withstands pressure beyond the yield point of any known metal.

- ◆ Safe and odorless.
- ◆ Meets and exceeds OSHA requirements.
- ◆ Contains no 1,1,1 Trichloroethane, Sulphur or Carbon Tetrachloride.
- ◆ Dramatically extends tool life.
- ◆ Controls chip form.
- ◆ Refrigerates while it lubricates.
- ◆ Will not stain metal workpiece.
- ◆ Helps in achieving precision finish and close tolerances.
- ◆ Meets Military Spec. MIL-STD-767.

☆☆☆ USDA ☆☆☆

Certified for use in machine shops associated with the meat and poultry inspection program



TF7024



TF7001C

Threading & Cutting Fluid

MEGACUT® SPRITZER

Spray directly at application point — using 4 oz. spritzer bottle.



STOCK # TF7041

MEGACUT® THREADING & CUTTING FLUID

SIZE	CASE QTY.	CASE WEIGHT	STOCK #		
			BULK	CARDED	COUNTER DISPLAY
1 oz.	24	3 lbs.	TF7001	TF7001C	TF7024
4 oz.	12	4 lbs.	TF7004	—	—
16 oz.	12	13 lbs.	TF7016	—	—
1 gal.	4	33 lbs.	TF7028	—	—
5 gal.	2	42 lbs.	TF7640	—	—
4 oz. Spritzer	12	4 lbs.	TF7041	—	—

Bulk Shipped in case quantity
Card 1 per card

24 Pc. Counter Display 1 per box



Now a Threading & Cutting Foam that Cools While it Lubricates!

- ◆ **MAXIMUM VERSATILITY** – Use with confidence on ferrous and nonferrous metals, including inconel and hastalloy.*
- ◆ **MAXIMUM APPLICATIONS** – Ideal for tapping, drilling, reaming, boring, milling, broaching and trepanning.
- ◆ **MAXIMUM EFFICIENCY** – Precise application, provides long contact time with tooling.
- ◆ **MAXIMUM EFFECTIVENESS** – Promotes longer tool life and better finish.
- ◆ **MAXIMUM LUBRICITY** – Unique chemical cooling of the workpiece and tool.

*Not for use on titanium or where chloride is harmful.



MEGA FOAMCUT® THREADING & CUTTING FOAM

SIZE	CASE QTY.	CASE WT.	STOCK #
2 oz.	12	3 Lbs.	TF8002
8 oz.	12	8 Lbs.	TF8008
17 oz.	12	17 Lbs.	TF8017

MEGA FOAMCUT® SPRITZER

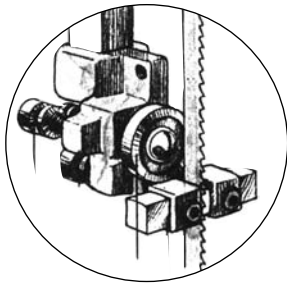
Spray directly at application point – using 2 oz. aerosol can.



STOCK # TF8002



A completely organic lubricating and polishing wax compound produces smoother, cleaner cutting and grinding action.



Natural Organic



Excellent for use on cutting tools where liquid coolants or lubricants are not recommended.

- Improves cutting.
- Increases tool life.
- Speeds operation.
- Available in a jar and convenient push bottom tube packaging – No spills.
- Use on metal, wood, composites, plastics.

DESCRIPTION	CASE QTY.	STOCK #
8 oz. Tube	12	DL08
12 oz. Jar	12	DL12



Anti-Seize Compounds

ALFA CHEM® PREMIUM COPPER ANTI-SEIZE

A premium copper/graphite blend anti-seize specifically formulated for high temperature applications.

Benefits:

- Contains no class 1 ozone depleting chemicals.
- Enables faster disassembly when repairs are needed – even after exposure to high temperatures (range -297° to 2,000°F).

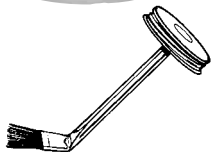
Applications:

- Superior anti-seize and extreme pressure lubricant formulated to protect metal parts against rust, corrosion and seizure.

Features:

- Meets specification ASTM-D-2783 for extreme pressure properties (32,000 psi) and conforms to MIL-A-907E.

UNIT SIZE	DESCRIPTION	CASE QTY.	STOCK #
8 oz.	Brush Top Can	12	ASC08
1 lb.	Brush Top Can	12	ASC16



ALFA CHEM® PREMIUM NICKEL ANTI-SEIZE

A premium nickel/graphite blend anti-seize specifically formulated for extreme temperatures. This anti-seize also provides excellent chemical resistance.

Benefits:

- Contains no class 1 ozone depleting chemicals.
- Offers the same pressure resistance, corrosion and seizure protection as regular copper grade.

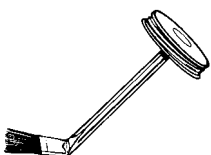
Applications:

- Recommended where applications prohibit the presence of copper and stronger resistance to corrosive acidic and caustic solutions is required.

Features:

- Temperature range -297° to 2,600°F.
- Meets specification ASTM-D-2783 for extreme pressure properties (32,000 psi) and conforms to MIL-A-907E.

UNIT SIZE	DESCRIPTION	CASE QTY.	STOCK #
8 oz.	Brush Top Can	12	ASC09
1 lb.	Brush Top Can	12	ASC17





ADHESIVE SEALANTS

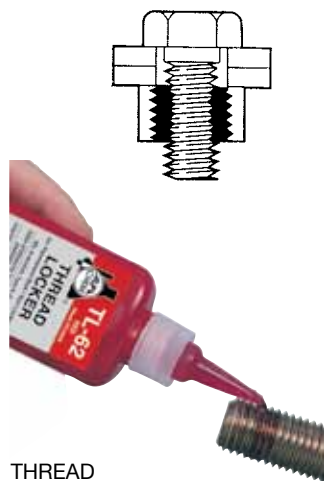
Contains no ozone depletion chemicals • Anaerobic • Quick Performing • Single Component

THREAD LOCK TL SERIES

These anaerobic resins are designed for applications where specific viscosities, strengths, and cure speeds are necessary. The **Thread Lock TL Series** prevents vibration loosening while locking and sealing threaded assemblies and metal parts. They distribute

the load over the entire engagement length of the assembly, greatly reducing or completely eliminating fastener and material fatigue. **Thread Lock** significantly reduces production cost while enhancing the reliability of the finished assembly.

Expanded



THREAD LOCK SERIES
Locks/seals threaded fasteners

SERIES	ITEM	COLOR	SIZE	STOCK #
TL22	Small Screw Thread Locker	Purple	10 ml.	TL2210
			50 ml.	TL2250
			250 ml.	TL22250
TL42	Removable Thread Locker	Blue	10 ml.	TL4210
			50 ml.	TL4250
			250 ml.	TL42250
TL43	Removable Thread Locker	Blue	10 ml.	TL4310
			50 ml.	TL4350
			250 ml.	TL43250
TL62	Permanent Thread Locker	Red	10 ml.	TL6210
			50 ml.	TL6250
			250 ml.	TL62250
TL71	Adhesive Sealant	Red	10 ml.	TL7110
			50 ml.	TL7150
			250 ml.	TL71250
TL90	Wicking Grade Thread Locker	Green	10 ml.	TL9010
			50 ml.	TL9050
			250 ml.	TL90250



10 ml. and 50 ml., 10 per case
250 ml., 4 per case

SERIES	ITEM	SPECIFICATIONS						CROSS REFERENCE
		COLOR	GAP	VISCOSITY	SHEAR STRENGTH	TEMP RANGE	CURE SPEED	LOCTITE
TL22	Small Screw Thread Locker	Best suited for low strength threadlocking where easy disassembly is required Purple .006 1200 cps MT 800 psi -65 to 350° F <i>Meets MIL-S-46163A, Type II, Grade M</i>					10 min.	222
TL42	Removable Thread Locker	General purpose threadlocking material for nuts, bolts and screws. Prevents vibration loosening and is removable with hand tools. Blue .006 1200 cps MT 1000 psi -65 to 350° F <i>Meets MIL-S-46163A, Type II, Grade N</i>					10 min.	242
TL43	Removable Thread Locker	Medium strength threadlocker with a high viscosity. Offers improved oil resistance, larger diameter fasteners, and is removable. Blue .008 5000 cps MT 1200 psi -60 to 350° F					10 min.	243
TL62	Permanent Thread Locker	High strength threadlocking material primarily used on Grade 5 and 8 fasteners Resists harsh environments and impact. Red .005 3500 cps MT 3000 psi -65 to 350° F <i>Meets MIL-S-46163A, Type II, Grade O</i>					10 min.	262
TL71	Adhesive Sealant	High strength threadlocking material used where extreme shock, vibration, and/or environmental conditions are present. Used on fasteners up to 1" in diameter. Red .007 500 cps MT 2900 psi -65 to 350° F <i>Meets MIL-S-46163A, Type II, Grade K</i>					10 min.	271
TL90	Wicking Grade Thread Locker	High strength, wicking grade threadlocker. Ideal for post application to preassembled fasteners. Secures screws and bolts & seals welds and porous metal parts. Green .003 12 cps LT 780 psi -60 to 350° F <i>Meets MIL-S-46163A, Type III, Grade R</i>					10 min.	290



Anaerobic Adhesives / Retaining Sealants

RETAINING COMPOUND



RETAINING COMPOUND greatly enhances the reliability and performance properties of cylindrical, non-threaded assemblies.

- The easy-to-use compound fills all the voids between the parts, increasing the overall strength of the assembly by 2 to 3 times that of the original press fit.
- There is only 20 to 30 percent actual metal contact between the surfaces, even in the best press fit applications.
- Eliminates the need for other retaining and locking devices such as keyways, set screws, tapers, splines, knurls, etc.
- Allows for more relaxed machine tolerances, resulting in lower assembly costs and an easier assembly process.

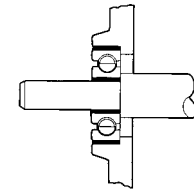


NEW!

PACK DETAILS	PACK QTY.	STOCK #
50 ml. tube (1.69 oz.)	10 per pack	RC5020
250 ml. tube (8.45 oz.)	4 per pack	RC25020
50 ml. tube (1.69 oz.)	10 per pack	RC5080
250 ml. tube (8.45 oz.)	4 per pack	RC25080



SERIES	ITEM	COLOR	TEMP RANGE	VISCOSITY	PRESSURE
RC20	High Strength High Temperature Retaining Compound	Green	-65 to 450°	8500 cps	4000 psi
RC80	High Strength For Slip Fitted Parts	Green	-65 to 450°	1400 cps	4200 psi



Anaerobic Adhesives / Sealants

PIPE SEALANTS WITH TEFLON®



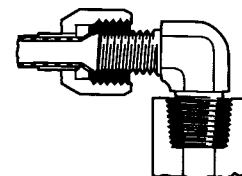
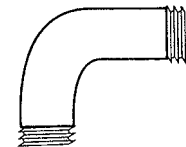
PIPE SEALING COMPOUND is a premium Teflon® enhanced compound which provides superior sealing for most threaded metal or plastic pipe.

- Prevents leaks and seals most common fluids and gases, including fuels, oils, water, refrigerants, steam and inert gases.
- Non-hardening formula will not crack, shred or contaminate most systems.
- Eases assembly and disassembly of metal and plastic fittings.
- Seals to bursting pressure of pipe and is rated to 10,000 psi.
- Not recommended for potable water systems or for use in oxygen service.
- Product safe for incidental food contact.

PACK DETAILS	PACK QTY.	STOCK #
50 ml. tube (1.69 oz.)	10 per pack	PS050192
250 ml. tube (8.45 oz.)	4 per pack	PS250192
4 oz. brush in cap can		PS10701
8 oz. brush in cap can	12 per pack	PS10702
16 oz. brush in cap can		PS10706



- **Color:** White
- **Temperature Range:** -65°F - 400°F
- **Pressure:** 10,000 psi





CONTAINS NO OZONE DEPLETION CHEMICALS

SUPERBOND INSTANT ADHESIVES

• Anaerobic • Quick Performing • Single Component

(6 months shelf-life)



Features:

- Creates fast, strong bonds on porous and smooth surfaces in seconds.
- Single component instant adhesives – no mixing or clamping.
- More time and cost efficient than riveting, soldering and brazing.
- Safe to use – non-flammable.
- Suitable for bonding rubber, plastic, metal, wood and many other surfaces.
- 5 to 25 second initial set time, full strength in 24 hours.
- Industrial strength adhesives for strong, permanent bonds.
- Choose from different viscosities for a wide variety of applications.

ITEM	SIZE	CASE QTY.	STOCK #
RP5 Penetrating capillary action adhesive	1 oz.	5	RP501
	1 lb.	1	RP516
RP30 General Purpose Instant Adhesive Gap Fill: .004 - .006	1 oz.	5	RP301
	1 lb.	1	RP316
RP100 For Plastic, Rubber, Vinyl adhesion Gap Fill: .006	1 oz.	5	RP1001
	1 lb.	1	RP1016
RP1500 Gap Filling high viscosity adhesive suitable for leather, paper, fabrics and porous surfaces Gap Fill: .008	1 oz.	5	RP1501
	1 lb.	1	RP1516
HP1000 For high stress applications such as high temperature, vibration, and impact resistance Gap Fill: .008	1 oz.	5	HP1001
	1 lb.	1	HP1016
TS2400 Bonds plastics, rubber and metals. Excellent vibration, impact, and temperature resistance Gap Fill: .008	1 oz.	5	TS2401
	1 lb.	1	TS2416
M100 Metal Bond instant adhesive. Best for aligning parts up to 10 seconds	1 oz.	5	M1001
	1 lb.	1	M1016
SI120 For wood, PVC, EPDM, and other difficult substrates to bond Gap Fill: .006	1 oz.	5	SI120
	1 lb.	1	SI126
GEL For rubber and plastics Excellent gap filler Gap Fill: .010	20 gram tube	5	RPGEL20

SPECIFICATIONS

CHARACTERISTICS	RP5	RP30	RP100	RP1500	HP1000	TS2400	M100	SI120	GEL
Color	Clear	Clear	Clear	Clear	Black	Clear	Clear	Clear	Clear
Viscosity (cps)	5	30	100	1500	1000	2400	100	120	Paste
Base	Ethyl	Ethyl	Ethyl	Ethyl	Modified	Ethyl	Methyl	Ethyl	Ethyl
Strength (psi)	2700/4200	2800/4200	2800/4300	2500/4200	3500	3300	2700/4000	2800/4300	2500
Temperature Range (°F)	-65 to 180	-65 to 180	-65 to 180	-65 to 180	-65 to 220	-65 to 225	-65 to 180	-65 to 180	-65 to 180
Cure Speed (sec.) (Fixture)	5 sec.	15 sec.	15 sec.	25 sec.	35 sec.	45 sec.	10 sec.	15 sec.	45 sec.
Full Cure (hr.)	24 hr.	24 hr.	24 hr.	24 hr.	24 hr.	24 hr.	24 hr.	24 hr.	24 hr.
Mil A 46050 C	Type II Class 1	Type II Class 1	Type II Class 2	Type II Class 3	-	-	Type I Class 2	Type II Class 2	-
Specific Gravity	1.05	1.05	1.05	1.10	1.06	1.10	1.10	1.05	1.10
Soluble in	ADHESIVE DEBONDER								
Cross Reference Loctite	420	495	414	416	380	380 / 410	496	-	409
Perma bond	101 / 260	105	102 / 262	200	-	-	910	-	-



Superbond® Instant Adhesive Additives



QUICK-TAC ACCELERATOR FOR FASTER CURING

When faster setting speeds are desired, Quick-Tac will aid the curing process and give exceptionally faster set times. It is also useful when bonding acidic surfaces as in low humidity conditions promoting consistent curing times.



ITEM	SIZE	STOCK #
QuickTac II	2 oz.	QT202
	8 oz.	QT208
QuickTac IV	2 oz.	QT402
	8 oz.	QT408
Poly Prep	2 oz.	PP102
Remover Debonder	2 oz.	AD200

10 per case

POLY PREP PRIMER

FOR BONDING DIFFICULT SURFACES

This primer is used on difficult to bond surfaces. These surfaces include Polyethylene, Polypropylene, certain elastomers, and other difficult to bond substrates. It can be applied by brushing, spraying, or parts can be dipped prior to assembly.

SPECIFICATIONS

	Quick-Tac II	Quick-Tac IV	PolyPrep Primer	Remove Debonder
Color	Clear / Amber	Clear	Amber / Brown	Clear / Amber
Base	Acetone	Heptane	Acetone	Nitromethane Blend
Viscosity	3cps	3cps	3cps	3cps
Flash Point	0°F	30°F	0°F	95°F
Specific Gravity	0.74	0.68	1.40	-

Available in 2 oz. and 8 oz. pump spray bottles

ADHESIVE DEBONDER

FOR REMOVING ADHESIVE RESIDUE

This unique product easily removes adhesives from applied parts, workstations, assembly tools and skin. Apply and wipe off with a damp cloth in 30 seconds. Repeat as necessary.



Spray Adhesives



HEAVY DUTY PERMANENT ADHESIVE

- Made from a carefully selected blend of synthetic polymers.
- Controlled molecular weight results in ideal spraying and film formulation.
- Formulation maximizes both adhesive and cohesive forces, optimizing flexibility and toughness.
- Super tough formula holds heavier objects with a strong, instant grip.
- Offers high shear and peel strength with good initial tack.
- Adheres to almost any surface or material, including wood, paper, glass, plastics and the vinyl used by asbestos abatement contractors.
- Adjustable spray head allows horizontal or vertical fan spray pattern.
- Light amber in color.

UNIT SIZE	DESCRIPTION	STOCK #
13 oz.	In 20 oz. aerosol can	SA115

12 per case





ALFA CHEM® DRY MOLY LUBE

- Superior high pressure properties.
- Quick drying.
- Excellent adhesion.
- Temperature resistant up to 750°F.
- High lubricity – 5 times more lubricity than other dry lubricants.

DRY MOLY LUBRICANT forms a quick-drying moly film that provides long wearing lubrication and protection that withstands extreme pressures and temperatures. It is formulated to adhere to most substrates and is ideal for use in high-pressure environments.

Use for break-in lubrication and high-pressure applications. Ideal in preventing the seizing of threaded connections and sliding parts. It is typically used on pistons, gaskets, pump assemblies, lock mechanisms, sliding doors, threaded connections, press fits, taps, pins, keyways, oven chains and cables, oven dollies, hinges, etc.

Stock # LA750 12 oz., in a 16 oz. aerosol can **12 cans/case**



ALFA CHEM® SILICONE LUBRICANT

- Eliminates sticking, binding and squeaking.
- Non-staining.
- Protects against rust and corrosion.
- Lubricates metal, wood, rubber, glass, plastic.
- Very safe.

SILICONE SPRAY LUBRICANT eliminates sticking, binding and squeaking on hinges, locks, chains, rubber weather stripping, garage door rollers and other moving parts. It is formulated to be colorless, odorless and non-staining while providing excellent lubricity. This product is safe for incidental food contact.

Use to lubricate and protect metal, wood, rubber, glass, chrome, plastic parts, rubber weather stripping used on doors & windows, hinges and locks; to waterproof ignition systems; and to prevent snow from sticking to snow shovels and sled runners.

Stock # LA900 11 oz., in a 20 oz. aerosol can **12 cans/case**



ALFA CHEM® DRY GRAPHITE LUBRICANT

- High lubricity.
- Quick drying.
- Excellent adhesion.
- Extreme pressure.
- Temperature resistant up to 850°F.

Use anywhere a dry lubricant is essential: machinery, winches, chains, locks, trunks, lawn mowers, tools, conveyor parts, drawers, doors, hinges, snow blowers, flat springs, mechanisms (such as those in vending machines and parking meters), tracks, instruments, oven parts, wire rope, window slides, die casting machines, pre-assembly operations, etc.

Stock # LA850 12 oz., in a 16 oz. aerosol can **12 cans/case**



ALFA CHEM® WHITE LITHIUM GREASE EXTREME PRESSURE (EP)

- Water-resistant.
- Protects against friction.
- White color permits easy visual inspection.
- Provides high quality lubrication.
- Temperature resistance to 360°F.

White lithium grease is a multi-purpose, all weather lubricant with a wide range of industrial applications. It is formulated with a water-resistant grease that contains rust and oxidation inhibitors that protect metal. It can be used anywhere a non-soiling lubricant is needed. Its white color permits easy visual inspection, allowing quick identification of treated areas.

Use to reduce friction and mechanical sticking of bearings, gears, cables, industrial and construction equipment, machines and hand tools.

Stock # LA012 12 oz., in a 16 oz. aerosol can **12 cans/case**





ALFA CHEM® PENETRATING OIL

- Fast acting penetration.
- Penetrates rust and scale.
- Displaces moisture.
- Superior lubrication.

ALFA CHEM PENETRATING OIL is a fast acting formula that attacks rust and corrosion. It quickly frees frozen parts and loosens dirt, corrosion, scale and other binding elements. It lubricates parts while reducing friction to keep them working longer.

Penetrating oil frees screws, nuts, bolts, and other metal parts that have been frozen due to rust, scale, corrosion, paint, varnish, gum or carbon. It also loosens screws, nuts, joints, studs, fasteners, pins, pipe couplings, machine parts, bolts and pipe fittings. The oil lubricates tight fitting parts such as hinges, locks, cranks, tools, chain drives, locking mechanisms, carburetor linkages, power tools, casters, etc.

Stock # AL200

12 oz., in a 16 oz. aerosol can
12 cans/case



ALFA CHEM® RUST PROTECTOR

- Provides maximum protection under extreme conditions.
- Safe on most metals.
- Contains no chlorinated solvents.
- Easily removed by degreaser. (Stock # AL550)

ALFA CHEM RUST PROTECTOR is a long-term indoor/outdoor waxy film coating containing rust and corrosion inhibitors. It protects equipment from atmospheric conditions during storage and shipping.

Use as a long-term protective coating to protect all types of metals against salt, moisture, dirt, and other atmospheric conditions which cause damaging rust and corrosion. It protects parts such as construction equipment, salt spreaders, snow plows, pumps, hitches, springs, hoists, and most metals during shipment or storage.

Stock # AL300

11 oz., in a 16 oz. aerosol can
12 cans/case



ALFA CHEM® HEAVY DUTY DEGREASER

- Penetrates and cleans.
- Contains no CFCs or chlorinated solvents.
- Dissolves grime & grease.
- Leaves no residue.

ALFA CHEM HEAVY DUTY DEGREASER keeps engines, farm and construction equipment and industrial machinery clean and grease-free. This degreaser soaks in and emulsifies oil, grease and other contaminants, allowing parts and equipment to be easily rinsed off.

Use to clean air compressors, conveyors, fork lifts, hand trucks, engine parts, auto and truck engines, diesel and gas engines, various types of farm equipment and industrial machinery. It is also useful in cleaning tools.

Stock # AL550

14 oz., in a 20 oz. aerosol can
12 cans/case



Cleaning & Polishing



METALGLAS CLEANER & POLISHER

Cleans and polishes Metal, Glass, Porcelain Tile and Enamelware.



Applications:

- Machine Rolls
- Chrome Idler Rolls
- Monel
- Stainless Steel
- Nickel
- Copper
- Brass

ALFA CHEM Metalglas polish deep cleans all metals, glass and porcelain surfaces. Also fills in hairline scratches and defects to keep surface free from dirt and grime. Improves surface brightness with less effort in future cleanings.

The non-acid formula is safe for stainless steel, chrome, brass, copper and aluminum. Removes buildup from metal rollers in the paper, plastic and textile industries. Removes fresh and salt water stains from boat rails and window screens. Deep cleans lenses on spotlights and headlights.

Apply with damp cloth, rub briskly, then wipe off and polish with dry, clean cloth. May be diluted with water for large surface applications.

Stock # MG2016

16 oz. jar
1 per pack



