

**NDT Penetrants / Coolant / Adhesives**
**Fault Check NDT Systems**

- Standard and Nuclear grade liquid dye penetrant systems for nondestructive testing.
- Standard grade uses nonflammable solvents with low sulfur and low halogen contents.
- Nuclear grade is halogen and sulfur free.
- Meets NACSHIP-250-1500-1, MIL-I-25135-C, and MIL-STD-271-D.


**Part No. 0-2003-K**
**Kits**

- Each kit contains (4) cleaner, (2) penetrant, (2) developer.

**Part No. 0-1003-K** - Nuclear Fault Check Kit

**Part No. 0-2003-K** - Standard Fault Check Kit

Product	Part No.	Description
Standard Cleaner	0-2001-1520	15.20 oz aerosol
	0-2001-1	1 gallon
	0-2001-5	5 gallon
Nuclear Cleaner	0-1001-850	8.5 oz aerosol
	0-1001-1	1 gallon
Penetrant Standard/Nuclear	0-1004-95	9.5 oz aerosol
	0-1004-1	1 gallon
Standard Developer	0-2002-1425	14.25 oz aerosol
	0-2002-1	1 gallon
Nuclear Developer	0-1002-90	9.0 oz aerosol
	0-1002-1	1 gallon

**Coolit Coolants**

For maximum equipment performance, always use our special coolant formulas in place of tap water. With each coolant you are free from the hazards of damaging mineral deposit build-up in equipment, freezing water lines, and high frequency loss from conductive tap water.


**Part No. 16-25501**
**Helpful Hint**

For best results, always use special coolant fluid in place of ordinary tap water.

**Coolant Fluids**

**Blue Coolant** – For MIG, TIG, resistance welding, and general industrial applications.

**Red Coolant** – For plasma cutting and welding applications.

**Green Coolant** – For superior-temperature applications.

Part No.		Description
1 gallon	55 gallon	
16-25501	16-25501-55	Blue 19° F/-7° C
16-25502	16-25502-55	Red 6° F/-14° C
16-25503		Green -60° F/-52° C

**3M™ Insulation 78 Spray Adhesive**

- Designed to bond foam board insulation to exterior walls, interior walls and roof applications.
- It will not attack expanded or extruded polystyrene making it the ideal choice for insulation applications.
- Effective up to 140° F, offers approximately 100 square feet of coverage per can and can be used in both one and two surface bonds.
- Utilizes a lace spray pattern which helps ensure clean, precise application.



Part No./UPC	Description
02120041593	24 fl. oz. aerosol

**3M™ Pronto™ Instant Adhesive CA-40**

- A very fast drying instant adhesive for those difficult to bond materials such as EPDM rubber, aluminum and flexible vinyl.
- Reaches handling strength in 1 to 30 seconds.
- A cyanoacrylate adhesive.



Part No./UPC	Description
02120021063	1 oz.

**Super 77 Spray Adhesive**

- High coverage, fast, aggressive tack, and a long-bonding range.
- Versatile - securely bonds most lightweight materials, plus it has low soak-in for long lasting bonds.
- Excellent for jobs in display and furniture - it bonds thin decorative film, foils, and fabrics.
- Bonds gaskets in water pumps, and attaches insulation to sheet metal.
- Attaches wiring diagrams, very versatile adhesive.



Part No./UPC	Description
02120021210	24 fl. oz. aerosol

**3M™ Pronto™ Instant Adhesive CA-40H**

- A fast drying instant adhesive for those difficult to bond materials such as EPDM rubber, aluminum and flexible vinyl.
- Reaches handling strength in 5 to 40 seconds.
- High viscosity keeps run off to a minimum and improves void filling properties.
- Resists soap and isopropyl alcohol.
- A cyanoacrylate adhesive.



Part No./UPC	Description
02120021073	1 oz.
02120021074	1 lb.

### 3M™ ScotchWeld™ Two-Part Epoxy Adhesive DP-100 Clear

- Has a 3 to 5 minute work life and develops handling strength in approximately 15 minutes.
- Low viscosity allows easy pouring and is ideal for filleting and potting.
- Overlap shear strength up to 1500 PSI.
- Meets corrosion requirements of MIL-S-461633.
- Dries rigid.



Part No./UPC	Description
02120022648	1.7 fl. oz. duo-pak

### 3M™ ScotchWeld™ Two-Part Epoxy Adhesive DP-100 Plus Clear

- Has a 4 minute work life and develops handling strength in approximately 15 minutes.
- Has much higher shear and peel strengths compared to DP-100 adhesives.
- Great for bonding metal and wood.
- Shear strength is 3500 PSI.
- Slightly flexible when cured.



Part No./UPC	Description
02120087195	1.7 fl. oz. duo-pak

### 3M™ Citrus Base Cleaner

- A multi-purpose cleaner which will dissolve and flush away dirt, grease, tar, most non-curing type adhesive films, and similar substances.
- It is a citrus oil based cleaner that emulsifies when flushed with water.
- It contains no petroleum distillates.
- Can be used to clean and degrease metal parts, motors, tools, printing presses and concrete.
- Contains no methylene chloride, 1,1,1-trichloroethane or chlorofluorocarbons.



Part No./UPC	Description
02120076394	24 fl. oz. aerosol

### 3M™ Shipping Mate™ Box Re-Nu Coating

- A tan coating that dries quickly.
- Permanently covers unwanted printing, stencils, labels, etc. on shipping containers.
- Clean up boxes before shipping or return.
- Contains no methylene chloride.



Part No./UPC	Description
02120085851	16 fl. oz. aerosol

### 3M™ Scotch-Weld™ Two-Part Epoxy Adhesive DP-100 NS Translucent

- Great for vertical surface applications.
- Has a 6 minute work life and develops handling strength in approximately 15 minutes.
- Overlap shear strength up to 1500 PSI.
- Meets corrosion requirements of MIL-S-46163<sup>3</sup>.



Part No./UPC	Description
02120082255	1.7 fl. oz. duo-pak

### 3M™ 5-Way Penetrant

- Inhibits rust and corrosion by spreading a thin, even film that actually penetrates the pores of the surface.
- It displaces moisture and “dries out” electrical parts and equipment to help prevent shorting and increases conductivity.
- Spray it on to free rusted, frozen bolts, nuts, and screws.
- Lubricate delicate machines and precision instruments.
- Penetrates and demisterizes.
- Ideal as a tapping lubricant for stainless steel and aluminum.
- Contains no methylene chloride, 1,1,1-trichloroethane or chlorofluorocarbons.



Part No./UPC	Description
02120021305	24 oz. aerosol

### 3M™ General Purpose Adhesive Cleaner

- Provides easy clean up of most types of adhesives.
- Quickly removes waxes, road tars, grease, oil and similar materials.
- Will not harm paint, vinyl or fabrics when properly used.



Part No./UPC	Description
05113508984	1 quart
05113508987	15 ounces

### 3M™ Silicone Lubricant (Dry Type)

- High quality silicone lubricant.
- Eliminates rubber squeaks and prevents sticking.
- Contains no petroleum oils to stain fabrics.
- Will not freeze at -28° F.
- Will not degrade at 350° F.
- Seals out moisture.



Part No./UPC	Description
05113508897	16 fl. oz.

Pipe Jacks / Scratch Brushes / Industrial Tape

### Folding V-Head Pipe Stand

- 2,000 lb. capacity.
- Handles up to 36" (900 mm) pipe.
- Folding legs.
- Set screw.
- 1-1/2" acme adjustment thread.
- V-head locks for storage.
- Lightweight (21 lbs.).
- Convenient carrying handle.
- Large comfortable adjustment handle.
- 1" (25 mm.) square legs.
- Adjustable 27" to 42" height.

Part No. FVJACK



### Tall V-Head Stand

- 2,500 lb. capacity
- Handles up to 36" (900 mm) pipe.
- Strut tension plate for lateral support.
- 1" square tube base construction.
- Lockwasher for fast height positioning.
- 1-1/2" (38 mm) Acme threads for accurate safe, setting.
- Heavy Duty, convenient adjustment handle.
- Set screw for doubles your margin of safety.
- Set screw locks head to stand for transportation.
- Load tested for quality assurance.

Part No. HDVJACK



### Ball Transfer Head

- Fits over V-head.

Part No. OBTH



### Scratch Brushes

#### Weld Cleaning and Inspection Brushes

Choice of brush material is stainless steel or straight brass, both materials are .006 gauge wire.



Block Size	No. of Row	Trim Length	Handle	Part No.	
				Steel	Brass
7-1/2" x 1/2"	3 x 7	1/2"	Wood	BW-189**	
				BW-190	
			Plastic	BW-190C*	
				BW-192	
8-3/4" x 1/2"	2 x 9	5/8"	Wood	BW-195	
				BW-195C*	
7-1/2" x 1/2"	3 x 7	1/2"	Wood		BW-205
					BW-205C*

\* "C" items are packed 2 per card.

\*\* Hand tied

### Curved Handle Brushes



Block Size	Brush Length	No. of Row	Trim Length	Part No.	
				Steel	Stainless
13-3/4" x 15/16"	6"	3 x 19	1-1/8"	BW-103	BW-9103
13-3/4" x 1-1/8"		4 x 19	1-3/16"	BW-104	BW-9104

### Shoe Handle Brush



Block Size	Brush Length	No. of Row	Trim Length	Part No.	
				Steel	Stainless
10" x 1-1/16"	5"	4 x 16	1-3/16"	BW-112	BW-9112

### Acid Brushes



Width	Trim Length	Overall Length	Part No.
5-1/16"	3/4"	5-3/4"	BW-180 <sup>1</sup>
			BW-180C*
1/2"	3/4"	5-3/4"	BW-181 <sup>1</sup>

\* "C" items are packed 6 per card.

<sup>1</sup> Sold by the gross.

### Chipping Hammer Brushes

Brush material is .012 gauge steel wire.



Block Size	Brush Length	No. of Row	Trim Length	Part No.
4-5/8" x 7/8"	4-1/2"	3 x 15	1-1/8"	BW-135
				BW-135C*

\* Stock numbers ending in "C" are display packed for P.O.P. merchandising.

## 3M INDUSTRIAL TAPE

### Tartan™ Masking Tape 200

- Utility-purpose masking tape with rubber adhesive for general use.
- Suited for holding, bundling, sealing, and other non-critical masking applications.
- Use for jobs where pressure sensitive tape is needed.
- Economical natural colored tape available in three widths.
- Use in temperatures up to 200° F.
- Natural color tape.



Part No./UPC	Description
02120071183	1/2" x 36 yds. (12 mm x 33 m)
02120071180	1" x 36 yds. (25 mm x 33 m)
02120071177	2" x 36 yds. (50 mm x 33 m)

### Double Coated Urethane Foam Tapes 4016

- This tape has an acrylic adhesive that seals, cushions vibrations, resists impacts, and insulates.
- It adheres to most clean, dry, rough, or smooth surfaces.
- Resists heat up to 380° F for short periods and 225° F for an extended time.



Part No./UPC	Description
02120006453	1/2" x 36 yds. (12 mm x 33 m)
02120006455	1" x 36 yds. (25 mm x 33 m)

## Industrial Tape

### Scotch® Paint Masking Tape 231

- Excellent for paint masking.
- Sticks at a touch and stays put.
- Tough and smooth high performance crepe paper tape.
- Generally functions in bake cycles up to 200° F for up to one hour.
- 6.1 mil thick.



Part No./UPC	Description
02120003775	1/2" x 60 yds. (12 mm x 55 m)
02120003777	1" x 60 yds. (25 mm x 55 m)
02120004237	2" x 60 yds. (50 mm x 55 m)

### Scotch® General Purpose Masking Tape 234

- Ideal for general purpose industrial applications.
- Generally functions in bake cycles up to 200° F for up to one hour.
- Resists transfer and slivering, conforms well.



Part No./UPC	Description
02120002980	1/2" x 60 yds. (12 mm x 55 m)
02120002982	1" x 60 yds. (25 mm x 55 m)
02120004244	2" x 60 yds. (50 mm x 55 m)

### Tartan™ Filament Tape 897

- Pressure sensitive rubber resin adhesive sticks well to fiberboard and ages well.
- Scotchpro™ film backing and glass filaments for good strength.
- Resists moisture and solvents.
- Meets government specifications.



Part No./UPC	Description
02120086523	1/2" x 36 yds. (12 mm x 33 m)
02120086525	1" x 36 yds. (25 mm x 33 m)

### Scotch® High Temperature Masking Tape 214

- For general paint/coating masking in the electronics industry.
- Masking for photo resist on printed circuit boards.



Part No./UPC	Description
02120003849	1/2" x 60 yds. (12 mm x 55 m)
02120003851	1" x 60 yds. (25 mm x 55 m)
02120004232	2" x 60 yds. (50 mm x 55 m)

### Scotch® Industrial Grade Filament Tape 893

- Clear polyester film backing, strong glass filaments and high shear rubber resin adhesive for a wide range of packaging and bundling.
- Medium tensile strength (300 lbs./inch).
- Resists stains, splitting and tearing.
- Works well with dispensers.



Part No./UPC	Description
05113106937	1/2" x 36 yds. (12 mm x 33 m)
05113106939	1" x 36 yds. (25 mm x 33 m)

### Scotch® Filament Tape 898

- Transparent polypropylene film backed product reinforced with glass yarn filaments offering superior tensile strength, nick resistance, abrasion resistance and good handling.
- Available in translucent and custom printed.



Part No./UPC	Description
05113106896	1/2" x 36 yds. (12 mm x 33 m)
05113106898	1" x 36 yds. (25 mm x 33 m)
02120039869	2" x 36 yds. (50 mm x 33 m)

### 3M™ Vinyl Duct Tape 3903

- General purpose vinyl duct tape.
- The practicality of vinyl with the versatility of duct tape.
- Easy unwind, easy tear, leaves less residue.
- 6.3 mil thick.



Part No./UPC	Description
05113106984	Gray 2" x 50 yds. (50 mm x 46 m)
05113106992	Red 2" x 50 yds. (50 mm x 46 m)
05113106995	Black 2" x 50 yds. (50 mm x 46 m)

### Tartan™ Silver Duct Tape 3939

- A utility duct tape used in bundling, sealing and holding applications.
- 9.0 mil thick.



Part No./UPC	Description
02120085561	2" x 36 yds. (50 mm x 55 m)

### Scotch® A.T.G.™ Adhesive Transfer Tape 924

- Gives excellent adhesion to most paper stocks.
- No mess or clean up.
- Use with Scotch® A.T.G.™ Applicators.
- Bond lines are thin and adhesive flows into surface irregularities.
- Seal pockets in folders, bond matte board in picture frames, or use it for general purpose bindery attaching.



Part No./UPC	Description
02120003331	1/2" x 36 yds. (12 mm x 33 m)
02120003332	3/4" x 36 yds. (198 mm x 33 m)

### Scotch® Box Sealing Tape 371

- Seals single wall corrugated cartons or bundles a group reliably.
- Polypropylene backing for tear resistance.
- Pressure-sensitive rubber adhesive offers quick, moisture proof seal.
- This tape offers a good, tight, general purpose seal.



Part No./UPC	Description
02120014105	Tan 2" x 36 yds. (50 mm x 33 m)
02120013679	Clear 2" x 36 yds. (50 mm x 33 m)
02120015873	Clear 2" x 60 yds. (50 mm x 55 m)
02120018197	Tan 4" x 36 yds. (101 mm x 33 m)
02120019279	Clear 4" x 36 yds. (101 mm x 33 m)
02120019280	Clear 4" x 60 yds. (101 mm x 55 m)

### Scotch<sup>®</sup> Box Sealing Tape 311

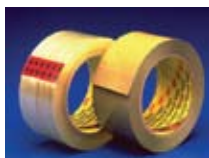
- Acrylic adhesive offers instant seal.
- Seals well in cold, damp conditions (40° - 50° F) and on recycled fiberboard.
- Polypropylene backing adds tear resistance and excellent aging.



Part No./UPC	Description
02120088290	Tan 2" x 60 yds. (50 mm x 55 m)
02120088292	Clear 2" x 60 yds. (50 mm x 55 m)

### Scotch<sup>®</sup> Superior Performance Box Sealing Tape 375

- Extremely versatile superior performance box sealing tape.
- Seal heavy, high value, over packed or under packed packages.
- Strong for demanding situations.
- Meets US postal regulations.



Part No./UPC	Description
02120072406	Clear 2" x 36 yds. (50 mm x 33 m)

### 3M<sup>™</sup> General Purpose Vinyl Tape 764

- Ideal for color coding various parts and equipment, hazards on or near equipment.
- Use for securing bundled parts for efficient transportation.
- Great for providing a broad variety of holding functions.



Part No./UPC	Description
02120043428	Black 1" x 36 yds. (25 mm x 33 m)
02120043466	Gray 1" x 36 yds. (25 mm x 33 m)

### Scotch<sup>®</sup> Super 33+ Vinyl Plastic Electrical Tape

- The first and only 7 mil "one tape for all jobs".
- It wraps and holds in all weather and will continue to perform in sub-zero temperatures or in continuous temperature environment up to 220° F (105° C).
- Conforms remarkably well.
- Resistant to oil, water, wear, chemicals and solvents.



Part No./UPC	Description
05400706132	3/4" x 66 ft. (19 mm x 20 m)

### Scotch<sup>®</sup> High Performance Box Sealing Tape 373

- For medium weight, large or high value content packaging.
- Strong tape provides tear and split resistance.
- Sticks well and handles under tough conditions.



Part No./UPC	Description
02120072359	Clear 2" x 36 yds. (50 mm x 33 m)
02120069605	Tan 4" x 36 yds. (101 mm x 33 m)
02120072368	Tan 2" x 36 yds. (50 mm x 33 m)
02120072361	Clear 4" x 60 yds. (101 mm x 55 m)

### Tartan<sup>™</sup> Box Sealing Tape 369

- For non-critical packaging and sealing.
- Seal or bundle lightweight boxes with low value contents.
- Reliable, pressure sensitive box sealing tape can also be used with palletized loads.



Part No./UPC	Description
02120061547	Tan 2" x 36 yds. (50 mm x 33 m)
02120061551	Clear 2" x 36 yds. (50 mm x 33 m)
02120062481	Tan 4" x 60 yds. (101 mm x 55 m)
02120061554	Clear 4" x 60 yds. (101 mm x 55 m)

### 3M<sup>™</sup> General Purpose Vinyl Tape 766 and 767

- Stripes promote employee safety by marking pinch points or gears on equipment.
- Prevents accidents by providing temporary floor marking around equipment or spills.
- Mark risers on stairways or low-clearance areas.



Part No./UPC	Description
02120043181	766 black/ yellow 2" x 36 yds. (50 mm x 33 m)
02120043186	767 red/ white 2" x 36 yds. (50 mm x 33 m)

## *Markal*<sup>®</sup>

### Duct Tape

- Individually shrink wrapped for longer shelf life.
- Silver-grey color blends well with duct work.
- Quality construction resists breakdown from heat and moisture.
- Cotton blend cloth backing for better laminating strength.
- Tears straight, edges do not curl.



Part No.	Size
44099	2" x 60 yds

Case Quantity: 24

## Tarps / Maintenance Sorbents / Flagging Tape

### Blue Polytarps

- Heavy-duty double laminated coating.
- Extra strength weave.
- Sun and fade resistant.
- Rust proof grommets.
- No leaks, No tears.
- Heat sealed seams.
- Grommets every 3 feet.
- Rope reinforced hem.
- Color: blue.



Part No.	Cut Size
MT68	6' x 8'
MT810	8' x 10'
MT912	9' x 12'
MT1012	10' x 12'
MT1216	12' x 16'

Part No.	Cut Size
MT1620	16' x 20'
MT2020	20' x 20'
MT2030	20' x 30'
MT2040	20' x 40'
MT3040	30' x 40'

### Rubber Tarp Straps

- Super strength compounded rubber lasts longer.
- Ozone, weather, wear, tear and abrasion resistant.
- Resists deterioration in outdoor environments.
- Reinforced ends.
- Cadmium plated sturdy steel "s" hooks.



Part No.	Length
RS-21	21'
RS-31	31'
RS-41	41'

## 3M Industrial Products

### Maintenance Sorbents

#### High Capacity Folded Sorbents

This sorbent will "sorb" most non-aggressive liquids and is used in maintenance applications. There are three boxes of 5' x 50' rolls per case weighing 18 lbs. and have a capacity of 10.5 gallons. High capacity sorbents have a scrim on one side to increase strength and eliminate linting. A folded sorbent is dispensed from a carrying/dispenser box in the form of a continuous roll. With perforations every 16", folded sorbents can be used as a pillow, pad, roll or boom. Applications range from maintenance to spill response. Folded sorbents are the most versatile sorbents and are a patented 3M™ product.

Part No. M-FL550DD



#### Mini-Boom Maintenance Sorbents

Will "sorb" most non-aggressive liquids and is used in maintenance applications. Each case contains six booms which will absorb 2 gallons each. A case weighs 12 lbs. Mini-booms are typically used to encircle spills and to contain leaks. A 3-inch diameter scrim on the outside of the boom identifies the application. This mini-boom is 8-feet in length.

Part No. M-MB308



### Flagging & Barricade Tape

- High visibility colors.
- Durable plastic remains pliable in cold weather.
- Use to identify boundaries for surveying work, recreational applications, and for identifying personal possessions in busy areas.



Part No. 77-0201

Part No.	Length	Description
77-0201	3" x 200' yellow	CAUTION
77-002	1" x 200' orange	FLAGGING
77-003	1" x 200' pink	FLAGGING
77-004	1" x 200' yellow	FLAGGING
77-1001	3" x 1000' yellow	CAUTION
77-1004	3" x 1000' red	DANGER