

**3M** Science.  
Applied to Life.™



3M Building and  
Construction Market Center

# HVAC solutions for everyday jobs.





# Table of contents

Printed UL Listed Tapes .....	3
Aluminum Foil Tapes.....	4
Duct Tapes .....	5-6
Spray Adhesives .....	6
Spray Adhesive accessories .....	7
Aerosol Adhesives .....	7
Specialty Tapes.....	8-9
Fire Barrier .....	10
Electrical Products.....	11
Personal Safety.....	11-12
Work Gloves.....	12
Abrasive Products.....	12

# Printed UL Listed Tapes

## 3M™ Venture Tape™ UL 181A-P Aluminum Foil Tape 1581A



Printed 2-mil heavy duty, high strength aluminum foil coated with a specialty formulated, cold weather acrylic adhesive.

- UL Listed to UL181A-P and UL181B-FX
- Superior adhesion and conformance

Applications: Sealing fiberglass duct board and flex duct. May also be used on metal connections, flexible duct, flexible duct connections to duct board and metal duct.

Technical Data	Imperial	Metric
Thickness	4.0 mils	0.10 mm
Peel Adhesion	60 oz/in	16.7 N/25 mm
Shear Strength	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa
Tensile Strength	27 lb/in	122 N/25 mm
Elongation	10%	10%
Service Temperature	-40°F to 300°F	-40°C to 149°C
Roll Size	2½, 3 in x 60 yds	64, 72 mm x 55 m

## 3M™ Venture Tape™ UL 181B-FX Polypropylene Duct Tape 1599B



Printed, 3 mil, UV resistant, polypropylene film coated with a cold weather, acrylic adhesive.

- UL Listed to UL181B-FX
- Hand tearable
- Excels in demanding temperature and humidity environments

Applications: Sealing flexible air ducts, air connectors, securing flex ducts to duct wrap facings and for metal and metal to metal connections. Adheres well to rubberized foam pipe insulation.

Colors: Black, Silver

Technical Data	Imperial	Metric
Thickness	3.0 mils	0.08 mm
Peel Adhesion	30 oz/in	8.3 N/25 mm
Shear Strength	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa
Tensile Strength	20 lb/in	90 N/25 mm
Elongation	130%	130%
Service Temperature	-40°F to 185°F	-40°C to 85°C
Roll Size	2, 3 in x 120 yds	48, 72 mm x 110 m

## 3M™ Venture Tape™ UL181B-FX Mastik Foil Tape 1580-P



Printed, 2 mil, annealed aluminum foil coated with a heavy mastic adhesive

- UL Listed to UL181B-FX
- Classified by UL to UL723 and Can/ULC-S102
- Excels in demanding temperature and humidity environments
- Hand tearable and conformable

Applications: Indoor/outdoor, instant water resistant bond on sheet metal, flex duct and duct wrap vapor barriers.

Technical Data	Imperial	Metric
Thickness	17.0 mils	0.43 mm
Peel Adhesion	112 oz/in	31.2 N/25 mm
Shear Strength	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa
Tensile Strength	20 lb/in	89 N/25 mm
Elongation	5%	5%
Service Temperature	-20°F to 200°F	-29°C to 93°C
Roll Size	2, 3 in x 100 ft	48, 72 mm x 30.5 m

## 3M™ Venture Tape™ Line Set Tape 1507



Printed, UV resistant polypropylene film with a specialty formulated, cold weather, acrylic adhesive.

- Classified by UL to UL723
- Excels in demanding temperature and humidity environments
- Designed to perform in direct sunlight
- Water resistant, designed for outdoor use

Applications: Taping line sets, works well on foam pipe insulation used in line sets.

Color: Black printed. Also available in black unprinted, white and silver.

Technical Data	Imperial	Metric
Thickness	3.0 mils	0.08 mm
Peel Adhesion	30 oz/in	8.3 N/25 mm
Shear Strength	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa
Tensile Strength	20 lb/in	90 N/25 mm
Elongation	130%	130%
Service Temperature	-40°F to 185°F	-40°C to 85°C
Roll Size	2, 3 in x 60 yds	48, 72 mm x 55 m

# Aluminum Foil Tapes

## 3M™ Venture Tape™ Aluminum Foil Tape 3520CW



A 2 mil, high strength aluminum foil with an aggressive, high temperature acrylic adhesive.

- Excels in demanding temperature and humidity environments
- Malleable foil conforms well around corners and to irregular surfaces

Applications: Provides excellent vapor seal on fibrous and sheet metal ducts.

Technical Data	Imperial	Metric
Thickness	3.5 mils	0.09 mm
Peel Adhesion	50 oz/in	13.9 N/25 mm
Shear Strength	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa
Tensile Strength	21 lb/in	95 N/25 mm
Elongation	4%	4%
Service Temperature	-40°F to 250°F	-40°C to 121°C
Roll Size	2, 2½, 3, 4 in x 50 yds	48, 64, 72, 99 mm x 46 m

## 3M™ Venture Tape™ FSK Facing Tape 1525CW



Tri-directionally reinforced with a 2 x 3 fiberglass scrim coated with a cold weather, acrylic adhesive.

- Classified by UL to UL723
- Excels in demanding temperature and humidity environments

Applications: Conforms well to both fibrous duct board and blankets.

Technical Data	Imperial	Metric
Thickness	9.5 mils	0.24 mm
Peel Adhesion	45 oz/in	12.5 N/25 mm
Shear Strength	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa
Tensile Strength	40 lb/in	181 N/25 mm
Elongation	2%	2%
Service Temperature	-40°F to 240°F	-40°C to 116°C
Roll Size	2, 3, 4, 5, 6 in x 50 yds	48, 72, 99, 127, 152 mm x 46 m

## 3M™ Venture Tape™ Aluminum Foil Tape 1520CW



A 1.75 mil, high strength, aluminum foil coated with an aggressive, high temperature acrylic adhesive.

- Classified by UL to UL723
- Malleable foil conforms well around corners and to irregular surfaces
- Excels in demanding temperature and humidity environments

Applications: Provides an excellent vapor seal on both fibrous and sheet metal ducts.

Technical Data	Imperial	Metric
Thickness	3.3 mils	0.08 mm
Backing Thickness	1.8 mils	0.05 mm
Peel Adhesion	45 oz/in	12.5 N/25 mm
Shear Strength	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa
Tensile Strength	21 lb/in	95 N/25 mm
Elongation	4%	4%
Service Temperature	-40°F to 250°F	-40°C to 121°C
Roll Size	2, 2½, 3 in x 50 yds	48, 64, 72 mm x 46 m

## 3M™ Venture Tape™ High Temperature Aluminum Foil Tape 3243



A 2.0 mil dead soft aluminum foil coated with a high temperature, aggressive, acrylic adhesive.

- Excels in demanding temperature and humidity environments

Applications: Specifically designed for high heat flue closure and chimney pipe applications. Applies easily to sheet metal ducts on flat and irregular surfaces.

Technical Data	Imperial	Metric
Thickness	4.0 mils	0.10 mm
Peel Adhesion	45 oz/in	12.5 N/25 mm
Shear Strength	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa
Tensile Strength	25 lb/in	113 N/25 mm
Elongation	5%	5%
Service Temperature	-40°F to 425°F	-40°C to 218°C
Roll Size	3 in x 50 yds	72 mm x 46 m



# Duct Tapes

## 3M™ Venture Tape™ Cloth Duct Tape 1500



A high strength, premium quality polyethylene coated, cotton cloth tape coated with an aggressive, high tack, natural rubber adhesive.

- Will not curl when unwound
- Conforms well to corners and irregular surfaces

Applications: Vapor sealing sheet metal ductwork and general purpose heavy duty service.

Colors: Black, Grey, White

Technical Data	Imperial	Metric
Thickness	10.0 mils	0.25 mm
Peel Adhesion	50 oz/in	13.9 N/25 mm
Shear Strength	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa
Tensile Strength	23 lb/in	104 N/25 mm
Elongation	18%	18%
Service Temperature	0°F to 200°F	-18°C to 93°C
Roll Size	2 in x 60 yds	48 mm x 55 m

## 3M™ Venture Tape™ Metallized Cloth Duct Tape 1502



A high quality, metallized polyethylene cloth tape coated with a natural rubber pressure sensitive adhesive.

- High tack, high peel
- Conforms well to corners and irregular surfaces

Applications: Vapor sealing of flexible duct sheet metal duct work, adheres well to fiber duct board.

Color: Natural Aluminum

Technical Data	Imperial	Metric
Thickness	11.0 mils	0.28 mm
Peel Adhesion	55 oz/in	15.3 N/25 mm
Shear Strength	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa
Tensile Strength	23 lb/in	104 N/25 mm
Elongation	10%	10%
Service Temperature	0°F to 200°F	-18°C to 93°C
Roll Size	2, 3 in x 60 yds	48.72 mm x 55 m

## 3M™ Venture Tape™ High Performance Cloth Duct Tape 1556



A high strength, premium quality, polyethylene coated cloth duct tape with an aggressive, natural rubber adhesive.

- Conforms well to corners and irregular surfaces

Applications: Vapor sealing, sheet metal duct work and general purpose heavy duty applications.

Technical Data	Imperial	Metric
Thickness	12.0 mils	0.30 mm
Peel Adhesion	70 oz/in	19.5 N/25 mm
Shear Strength	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa
Tensile Strength	25 lb/in	113 N/25 mm
Elongation	15%	15%
Service Temperature	0°F to 200°F	-18°C to 93°C
Roll Size	2 in x 60 yds	48 mm x 55 m

## 3M™ Venture Tape™ Cloth Duct Tape 1557



A high strength, premium quality, polyethylene coated cloth duct tape with an aggressive, high tack, natural rubber adhesive.

- Conforms well to corners and irregular surfaces
- Tears straight and will not curl when unwound

Applications: Vapor sealing, sheet metal duct work and general purpose heavy duty applications.

Technical Data	Imperial	Metric
Thickness	13.0 mils	0.33 mm
Peel Adhesion	50 oz/in	13.9 N/25 mm
Shear Strength	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa
Tensile Strength	29 lb/in	131 N/25 mm
Elongation	18%	18%
Service Temperature	0°F to 200°F	-18°C to 93°C
Roll Size	2 in x 60 yds	48 mm x 55 m

## 3M™ Multi-Purpose Duct Tape 3900



A general purpose, cloth duct tape made with polyethylene film over cloth scrim with a rubber adhesive.

- Conforms well to corners and irregular surfaces

Applications: General maintenance, wrapping, sealing, protecting and color coding

Technical Data	Imperial	Metric
Thickness	7.6 mils	0.19 mm
Adhesion to Steel	53 oz/in. width	58 N/100 mm width
Tensile Strength	28 lb/in. width	490 N/100 mm width
Elongation	19%	19%
Temperature Use Range	Up to 200° F	Up to 93° C
Standard Roll Length	60 yds	54.8 m

# Duct Tapes (cont.)

## 3M™ All Purpose Duct Tape DT8



An 8 mil duct tape with a synthetic rubber adhesive and water resistant polyethylene backing.

- Easy tear
- Good conformability

Applications: Great choice for sticking to metal, glass, plastic, sealed concrete and more.

Color: Silver

Technical Data	Imperial	Metric
Thickness	8.0 mils	0.2 mm
Tensile Strength	31 lbs./in. width	542 N/100mm width
Elongation at Break	21%	21%
Roll size	1.88" x 59.9 yd	48mm x 54.8m

## 3M™ Heavy Duty Duct Tape DT11



An 11 mil duct tape with a synthetic rubber adhesive and water resistant polyethylene backing.

- Easy tear
- Good conformability

Applications: Great choice for holding, seaming, sealing and packaging.

Colors: Silver, Black

Technical Data	Imperial	Metric
Thickness	11.0 mils	0.27 mm
Tensile Strength	35 lbs./in. width	613 N/100mm width
Elongation at Break	12%	12%
Roll size	1.88" x 59.9 yd	48mm x 54.8m

# Spray adhesives

## 3M™ Cylinder Spray Adhesive VTG100



Industrial strength contact adhesive. Versatile and cost effective; bonds to a wide range of natural and synthetic materials. Designed for either temporary or permanent bonding; applies quickly and easily at temperatures as low as 30°F (-1°C).

Size: 40 lb. canister

Technical Data	Typical Value	Test Method
Base Material	Synthetic Polymer	
Solvent	Methylene Chloride	
Specific Gravity	1.19 - 1.21	
Flammability	Flammable	Industry Flame Projection Test
Open Time	10 - 15 minutes	
Dry Time	2 - 4 minutes	
Temperature Resistance	150°F (66°C)	

## 3M™ LoVOC Cylinder Spray Adhesive VTG200



Low volatile organic compound (LoVOC) adhesive designed for HVAC applications. Applies quickly and easily, water resistant and temperature resistant to 150°F (66°C).

**CONTAINS NO METHYLENE CHLORIDE.**

Size: 40 lb. canister

Technical Data	Typical Value	Test Method
Base Material	Synthetic Polymer	
Solvent	Methyl Acetate	
Specific Gravity	0.93 - 0.97	
Flammability	Flammable	Industry Flame Projection Test
Open Time	10 - 20 minutes	
Dry Time	2 - 5 minutes	
Temperature Resistance	150°F (66°C)	

## 3M™ Waterbased Contact Cylinder Spray Adhesive VTG300



LEED compliant, GreenGuard certified water based contact adhesives designed for a wide range of applications. Bonds to insulation, foam, fiberglass, metal, cork, fabrics, glass, and plastics as well as other natural and synthetic materials.

Non-flammable and contains no Hazardous Air Pollutants (HAPs) or Volatile Organic Compounds (VOCs).

Size: 40 lb. canister

Technical Data	Typical Value	Test Method
Base Material	Acrylic Polymer	
Solvent	None	
Specific Gravity	0.98 - 1.02	
Flammability	Non-Flammable	Industry Flame Projection Test
Open Time	15 - 30 minutes	
Dry Time	5 - 7 minutes	
Temperature Resistance	130°F (54°C)	



# Spray adhesive accessories

## Accessories



**3M™ Cylinder Adhesive Applicator**

Standard Output for use with any 3M™ Cylinder Spray adhesive products. Includes Cylinder Adhesive 9501 Spray Tip.



**3M™ Cylinder Adhesive Spray Tip QSS**

A unique, high output wide width spray pattern tip designed specifically for use with 3M™ HoldFast 70 and 3M™ Polystyrene Foam Insulation 78 HT Cylinder Spray Adhesives.



**3M™ Cylinder Adhesive Spray Tip 9501**

A standard output, wide spray width tip.



**3M™ Cylinder Adhesive Hoses**

For use with any 3M™ Cylinder Spray adhesive products.

# Aerosol adhesives



**3M™ Super 77™ Multipurpose Spray Adhesive**

High tack, high coverage and fast drying adhesive. Bonds quickly in seconds. For permanently attaching foils, carpeting, lightweight foams, and paper.

Available in 16.75 fl oz. size.  
Low VOC available in 18 fl oz size.



**3M™ 5-Way Penetrant**

A multi-purpose product that is effective for displacing moisture and dries out electrical apparatus.

Available in 16.8 fl oz size.



**3M™ Heavy Duty 20 Spray Adhesive**

A high strength, fast grabbing, industrial grade, lace spray aerosol adhesive. Can be used to bond many different substrates, including wood, plastics, soft foams, fabrics and metals.

Available in 13.8 fl oz size.



**3M™ Multi-Purpose Spray Adhesive 27**

A versatile, economical, industrial grade, mist spray aerosol adhesive. Ideal for bonding paper, cardboard, fabrics, soft foams, and many other lightweight materials.

Available in 13.05 fl oz size.

# Specialty tapes

## 3M™ VentureClad™ Cooler Repair Tape 1577CW-E, -WME



A zero permeability, embossed, multi-ply, self-adhesive material with a cold weather, acrylic adhesive

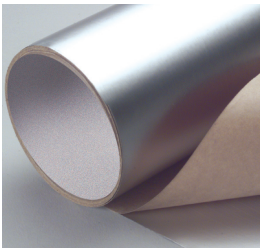
- Quickly and easily installs with no special tools required
- Mold resistant
- Excels in demanding temperature and humidity environments
- Classified by UL to UL723

Applications: Easy and effective solution to air leakage in freezers and coolers.

Colors: Embossed natural aluminum, Embossed. white

Technical Data	Imperial	Metric
Thickness	19.5 mils	0.50 mm
Peel Adhesion	65 oz/in	18.0 N/25 mm
Shear Strength	>72 hrs @ 2.2 psi	>72 hrs @ 15.2 kPa
Tensile Strength	70 lb/in	316 N/25 mm
Elongation	85%	85%
WVTR	0.00 perm	0.00 perm
Service Temperature	-40°F to 300°F	-40°C to 149°C
Roll Size	4 in x 15 yds	99 mm x 13 m

## 3M™ VentureClad™ Insulation Jacketing Tape 1577CW



A zero permeable, multi-ply laminate coated with a cold weather acrylic, pressure sensitive adhesive.

- Excellent quick stick at normal temperatures with superior low temperature performance
- Highly puncture and tear resistant
- Flame retardant

Applications: Lining and repairing HVAC unit condensate pans. For interior and exterior use.

Technical Data	Imperial	Metric
Thickness	7.0 mils	0.18 mm
Peel Adhesion	65 oz/in	18.0 N/25 mm
Shear Strength	>72 hrs @ 2.2 psi	>72 hrs @ 15.2 kPa
Tensile Strength	70 lb/in	316 N/25 mm
Elongation	85%	85%
WVTR	0.00 perm	0.00 perm
Service Temperature	-40°F to 300°F	-40°C to 149°C
Roll Size	23 in x 50 yds	584 mm x 46 m

## 3M™ Venture Tape™ Reflective BOPP Tape 1507



A 3.0 mil polypropylene film with an acrylic, pressure sensitive adhesive

- Excellent quick stick at normal temperatures with superior low temperature performance
- UV resistant

Applications: Sealing flexible air duct and air connectors; particularly on bubble/film insulation seams.

Color: Silver

Technical Data	Imperial	Metric
Thickness	3.0 mils	0.08 mm
Peel Adhesion	30 oz/in	8.3 N/25 mm
Shear Strength	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa
Tensile Strength	20 lb/in	90 N/25 mm
Elongation	130%	130%
Service Temperature	-40°F to 185°F	-40°C to 85°C
Roll Size	2, 3 in x 60 yds	48, 72 mm x 55 m

## 3M™ Venture Tape™ ASJ Facing Tape 1540CW



A kraft/scrim/foil (ASJ) laminate coated with a cold weather, pressure sensitive acrylic adhesive

- Classified by UL to UL723
- Applies easily
- Excels in demanding temperature and humidity conditions

Applications: Vapor seal and closure system on ASJ faced ductboard and pipe insulation

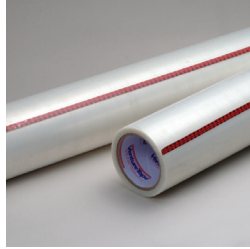
Color: White

Technical Data	Imperial	Metric
Thickness	10.8 mils	0.27 mm
Peel Adhesion	45 oz/in	12.5 N/25 mm
Shear Strength	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa
Tensile Strength	55 lb/in	249 N/25 mm
Elongation	6%	6%
Service Temperature	-40°F to 240°F	-40°C to 116°C
Roll Size	2, 3, 4, 5 in x 50 yds	48, 72, 99, 127 mm x 46 m



# Specialty tapes (cont.)

## 3M™ Venture Tape™ Duct Protection Wrap 1512



A self-wound duct protection wrap made from co-extruded, multi-polymer material with a high-tack adhesive

- Conformable
- Puncture resistant
- Reduces accumulation of dirt, dust, moisture, insects and other contaminants

Applications: Used as a duct protection film to keep the INSIDE of the ducts clean.

Colors: Blue, Clear

Technical Data	Imperial	Metric
Thickness	2.0 mils	0.05 mm
Peel Adhesion	15 oz/in	4.2 N/25 mm
Shear Strength	>72 hrs @ 2.2 psi	>72 hrs @ 15.2 kPa
Tensile Strength	9 lb/in	41 N/25 mm
Elongation	600%	600%
Service Temperature	32°F to 160°F	0°C to 71°C
Roll Size	24, 36 in x 200 ft	610, 914 mm x 61 m

Note: Clear also available in 48 in /1219mm width

## ScotchBlue™ Painter's Tape Original Multi-Use 2090



A temporary, medium adhesion tape

- Removes cleanly without adhesive transfer or surface damage for up to 14 days
- UV resistant

Applications: Ideal for painted walls and trim, woodwork, glass and metal

Color: Blue

Technical Data	Imperial	Metric
Thickness	5.4 mils	0.14 mm
Adhesion to Steel	23 oz/in. width	25 N/100 mm width
Tensile Strength	27 lb/in. width	473 N/100 mm width
Standard Roll Length	60 yds	54.8 m
Roll Sizes	1.88" x 60 yd 2.83" x 60 yd	48mm x 54.8m 72mm x 54.8m

## 3M™ Safety Stripe Tape 5702 Black/Yellow



A vinyl backed tape with a rubber adhesive

- Resists common solvents
- Abrasion resistant

Applications: Hazard or lane marking

Color: Yellow/Black striped

Technical Data	Imperial	Metric
Thickness	5.4 mils	0.14 mm
Adhesion to Steel	19 oz/in. width	21 N/100 mm width
Tensile Strength	15 lb/in. width	260 N/100 mm width
Elongation	170%	170%
Temperature Use Range	40° to 170°F	4° C to 77° C
Roll Size	2" x 36 yd	48 mm x 33 m



## Scotch® Barricade Tape 300 CAUTION

Non-adhesive, polyethylene film tapes used to display warning information

Thickness	Elongation	Roll size
2 mils	400%	3" x 1000'



## Scotch® Barricade Tape 357 DANGER

Non-adhesive, polyethylene film tapes used to display warning information

Thickness	Elongation	Roll size
2 mils	400%	3" x 1000'

# Fire barrier

## 3M™ Fire Barrier Sealant CP 25WB+



High-performance latex-based intumescent firestop sealant. When properly installed, this product provides up to 4-hour fire protection in tested and listed systems. Firestops items penetrating through fire-rated construction assemblies. Dries to red color, no mixing required.

Available in cartridges (10.1 fl oz and 27 fl oz), sausage packs (20 fl oz) and pails (2 gallon and 5 gallon).

## 3M™ Fire Block Sealant FB136



Ideal for use in residential (single, two-family and combustible) construction in areas that require sealing to maintain the integrity of a fireblock. Adheres to virtually any material, including wood, masonry, metal and plastic.

Available in a 10.1 fl oz cartridge.

## 3M™ Fire Block Foam FB-Foam



Foam-in-place fireblock and draftstop for non-rated residential and commercial construction. Meets ASTM E 84 (mod) Class 1 for smoke spread and flame development and has been evaluated by the International Code Council Evaluation Service (ICC-ES) and complies with the International Building Code (IBC) and International Residential Code (IRC) per ICC-ES report ESR-3165.

Available in 12 fl oz can.

## 3M™ Smoke and Sound Sealant SS 100



A high-performance flexible latex sealant designed to minimize sound transfer and prevent the spread of smoke. Designed to seal construction joints and through penetrations in non-fire-rated wall and floor assemblies.

Available in sausage packs (20 fl oz).

## 3M™ Fire Barrier Duct Wrap 615+



Certified shaft alternative 1- and 2-hour fire-rated duct wrap. Certified for grease ducts to ASTM E 2336 (including ASTM E119 engulfment) in 2-layer systems. Certified for ventilation ducts to ISO 6944 in 1-layer systems and for other key life safety duct applications.

Available in 6, 24 and 48 inch widths by 25 ft lengths.

## 3M™ Fire Barrier Sealant IC 15WB+



Economical, general-purpose latex-based intumescent firestop sealant.

Available in cartridge (10.1 fl oz), sausage pack (20 fl oz) and pail (4.5 gal).

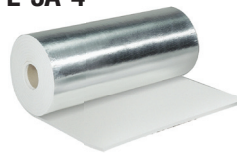
## 3M™ Fire Barrier Plenum Wrap 5A+



Inorganic fiber blanket with a scrim reinforced foil. Flexible, non-combustible enclosure for cables and pipes in return air plenums.

Wrap is 0.5" thick and available in 24" x 50' and 48" x 25'.

## 3M™ Interam™ Endothermic Mat E-5A-4



Provides a uniform covering that, when exposed to high temperatures, releases chemically-bound water to cool the outer surfaces of the wrap material and significantly retards heat transfer.

Mat is .408" thick and available in 24.5" x 20 ft.

## 3M™ Fire Barrier Sealant FD 150+



An economical, ready to use, elastomeric sealant that dries to form a monolithic flexible firestop sea. Used to firestop joints and through penetrations through floor slabs, walls and other fire-rated building partitions and assemblies.

Red sealant is available in cartridges, sausage packs and pails.



# Electrical products

## Scotch® Super 33+™ Vinyl Electrical Tape



A premium grade vinyl electrical insulating tape, its aggressive adhesive and elastic backing ensure easy, water-resistant conformation to irregular surfaces in low temperatures, yet will not ooze or melt in high temperatures. Comes in roll sizes .75", 1" and 1.5" x 36 yd

## 3M™ Economy Vinyl Electrical Tape 1400



Black 7 mil thick, polyvinyl chloride (PVC) backing with a pressure sensitive rubber based adhesive, general use vinyl insulating tape, designed to perform continuously in temperature up to 176°F (80°C). Roll Size: .75" x 20 yd.

## 3M™ Motor Lead Splicing Kits - 5300 Series



A series of kits designed for splicing motor lead cables to incoming feeder cables in connections at 1000 Volts and less. The splice's main component, the lug cover, is made of EPDM Rubber as a slip-on. A mastic is used for the moisture copper compression, one-hole lugs. After being crimped onto the cables, the lugs are bolted together in a pigtail configuration, then insulated and sealed with three splices and contain all the necessary materials (except lugs) needed to make three splices. The lugs must be purchased separately. Scotchlok™ Copper Lugs 30,000 Series can be used.

## 3M™ ScotchCode™ Wire Marker Tape Dispenser



Dispenser is filled with 10 rolls of numbered tape (one each of 0-9).

## 3M™ Heat Shrink Tubing



A variety of heat shrink tubing available to fit various needs, from single-wall polyolefin used in flame retardant insulation for UL, CSA and MIL - DTL-23053/5 applications to heavy duty that is a long term environmental protection, highly chemical, abrasion and split resistant.

## 3M™ Cable Ties and Bases



3M™ Cable Tie Bases make mounting wire and cable a quick, easy and secure process. 2-way and 4-way configurations as well as adhesive-backed and screw mount options offer flexible mounting alternatives to meet a variety of applications. Assorted lengths available, please visit website for additional information.

## 3M™ Temflex™ Corrosion Protection Tape 1100



Printed with product name and thickness, this 10 mil, general purpose, corrosion resistant tape has good abrasion resistance. UV resistant and temperature rated to 170°F (80°C). Roll size: 2" x 100 ft. Available in printed and non-printed versions.

## 3M™ Electrical Wire Connectors



Designed with features for construction applications. Splice kits are designed for splicing motor lead cables to incoming feeder cables. Moisture resistant connectors are also available. Please go to website for all available sizes and colors.

# Personal safety

## Respirators

### 3M™ Particulate Respirator 8210, N95



This classic disposable N95 particulate respirator is designed to help provide comfortable, reliable worker respiratory protection against certain non-oil based particles.

### 3M™ Particulate Respirator 8511, N95



This disposable N95 particulate respirator features the proprietary 3M™ Cool Flow™ Valve and helps provide comfortable, reliable worker respiratory protection. It is ideally suited for hot/dusty work settings that require long periods of wear.

## Eye, Ear and Head Protection

### 3M™ SecureFit™ Protective Eyewear



Stylish, lightweight design weighs less than 1oz. Features proprietary 3M™ Pressure Diffusion Temple Technology that allows temples to naturally adjust to individual head sizes, anti-scratch coating and the Polycarbonate lenses absorb 99.9% UVA and UVB up to 380 nm and meet requirements of CSA Z94.3 and ANSI Z87.1-2010.

### 3M™ Light Vision™ Protective Eyewear



Photochromic lens lightens and darkens with outdoor light conditions, anti-fog lens, soft, adjustable nose bridge, lenses absorb 99.9% UVA and UVB.

Continued on back

# Personal safety (cont.)

## 3M™ Earmuff X3A



The X3 features a newly designed spacer to improve attenuation without excess bulk or weight. They are lightweight and compact compared with other high attenuation earmuffs and new ear cushion foam technology for an effective acoustic seal and reliable protection.

## 3M™ E-A-R™ Classic™ Uncorded Earplugs 310-1001



Constructed from slow-recovery foam, the disposable earplug comes in a clean, convenient pillow pack.

## 3M™ H-700 Series Hard Hats



Offers extended comfort and protection, and also features a sensor that changes color as the hard hat is exposed to UV light. This sensor lets the wearer know when it is time to replace the hard hat due to UV rays causing the shell to become brittle.

## 3M™ Protective Coveralls



Breathable material to help reduce heat build-up and promote comfortable wear, while helping to protect against certain dusts and light liquid splashes, knit cuffs, elasticized waist and ankles for increased comfort and freedom of movement.

# Work gloves



## 3M™ Comfort Grip Gloves - General Use

Nitrile palm coating glove that is light, flexible, abrasion resistant and long lasting is an alternative to many cotton and latex palm-coated gloves. Excellent grip, even in wet or oily conditions.



## 3M™ Comfort Grip Gloves - Cut Resistant

Medium-duty gloves have the same features as the general use with even greater cut, puncture and tear resistance. Excellent for jobs requiring dexterity when handling sharp parts.



## 3M™ Comfort Grip Gloves - Winter

Winter gloves have the comfort and dexterity of our general use gloves with the added warmth for cold weather applications. Nitrile foam coated for better grip, are washable and feature a knit wrist cuff style.



## 3M™ Gripping Material Work Gloves

Comprised of thousands of micro-fingers, these work gloves provide excellent grip, even in dirty, wet or oily conditions. The 3M™ Gripping Material sewn into the palm and fingers of these gloves helps improve users' grip while providing slip resistance. Grip performance can be maximized when used the 3M™ Gripping Material Tape.

# Abrasive products

## Scotch-Brite™ General Purpose Hand Pad 7447



Most universally used in a variety of applications. Excellent starting point to clean, finish, grain, denib and defuzz. May be used by hand, with a hand pad block or on an in-line sander. Abrasive mineral; very fine grade aluminum oxide.

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