BELT-MOUNTED PAPR SYSTEMS FOR WELDING

GVP SERIES

Bumpcap with
Welding Shield
L-503

Helmet with Welding
Shield and
Wide View Faceshield
L-905

Full Facepiece
7800S (Small)
7800S (Medium)
7800S (Large)

Welding Faceshield Kit
7990 and Electronic
Lens Assembly 7991

Part Number	UPC Number	Description	Packs/Case
MM 3M L-503	051138-66148	Bumpcap with Welding Shield	1
MM 3M L-905	051138-66156	Helmet with Welding Shield and Wide View Faceshield	1

Part Number	Description	Respirators /Box	Boxes/Case
MM 3M 7800S-S	Small Facepiece	1	1
MM 3M 7800S-M	Medium Facepiece	1	1
MM 3M 7800S-L	Large Facepiece	1	1

Breathing Tube
L-122

Breathing Tube
GVP-123

Part Number	UPC Number	Description	Packs/Case
MM 3M L-122	051131-37012	Breathing Tube (for use with L-Series Headgear)	1
MM 3M GVP-123	051138-29215	Breathing Tube (for GVP-1 with 7800S Full Facepiece)	1

3M™ GVP-SERIES PAPR SYSTEMS

3M™ GVP-Series Replacement Parts Includes all the items needed for the GVP-Series powered air purifying respirator (PAPR) systems. The list includes all parts of the PAPR assembly, waist belts, shoulder straps, shower cover and breathing tubes."

• Can be used with several different 3M facepieces, headgear and hoods
• Provides high levels of air flow
• Allows you to select several different cartridges for different contaminants
• Lightweight components are comfortable to wear
• Includes an eight hour battery
• Intrinsically safe

3M™ ADFLO™ PAPR SYSTEM WITH 3M™ SPEEDGLAS™ FILTER AND HELMET

• Provides constant airflow even as filter loads
• Uses a brushless motor that has three times the life of standard PAPR motors
• Eye*, face and respiratory protection in a single unit
• Uses an environmentally-friendly NiMH battery that fully charges in less than three hours
• 3M™ Speedglas™ SideWindows optional for better peripheral vision

* Safety glasses must be used under all secondary eye protection devices.

Contact your 3M Distributor for additional information on Speedglas Helmet and Adflo PAPR combinations. Systems are available with all 9000 and 9002 lenses and include FlexView and SideWindows options.

FOR YOUR TELEPHONE ORDERS **+39 0184 573346**

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roberta@mansuetomarine.it

GENERAL INQUIRIES **info@mansuetomarine.it**

3M™ SPEEDGLAS™ PRODUCTS

With the addition of the highly regardedSpeedglas product line, 3M now offers an even more extensive line of safety products for grinding, sanding and welding applications.These products provide a high level of comfort andprotection for people working in welding and othermetal working jobs. An unmatched product linecoupled with experience and integrity…that's 3M.

3M™ SPEEDGLAS™ FILTER 9000F/9000XF

- Shade 5 off state and safety state• Available in three factory-setdark shades: 10, 11 or 12
- Fixed dark shade filter providesexceptional optical clarity
- Shade 3 light state
- For rugged, long-term use
- 9000XF has an extra large filterviewing area… 44% larger than most auto-darkening filters

3M™ SPEEDGLAS™ FILTER 9002V/9002X•

- •Fully adjustable delay function allows welder to add ordecrease time before the filter switches from dark to light
- •Sensitivity adjustment helps control interferences andmultiple arc triggering issues•User can select shades from 9 through 13
- •The membrane-covered control buttons allow the user to easily change settings with gloves on
- •Membrane covered controls seal the filter from dirt for longer life
- •User can choose many different control combinations for personal comfort
- •9002X has an extra large filter for a better view of thework area

3M™ ADFLO™ PAPR SYSTEM WITH 3M™ SPEEDGLAS™ FILTER AND HELMET

- Provides eye, face and respiratory protection in a single unit
- The OV/SD/CL/HC cartridge can be stacked onto a HEPA particle filter for added protection. You don't have to change both filters at the same time
- The Adflo system has a slim profile to fit into tight places
- No external batteries, no battery cables
- Uses a brushless motor that provides three times the life of standard PAPR motors
- Constant airflow even as filter loads
- Audible and visual alarms signal low battery charge and low airflow rate

3M™ SPEEDGLAS™ UTILITY FILTER SHADES 10,11

- Designed for part-time welding/metal working
- Our most affordable auto-darkening filter and helmet
- For MIG and stick welding
- Two filter models: dark shade 10 or 11
- UV/IR protection is constant even when filter is OFF orin shade 3 light state 3

UNIQUE FEATURES (SEE SELECTION CHART FOR AVAILABILITY)

3M™ Speedglas™ Helmet with Side Window Filters

Now welders can get much better peripheral vision with our helmets with special side filters. These impact resistant polycarbonate, shade 5 filters increase viewing area by over 100%.

Special Ventilation

The Speedglas helmet features aerodynamically designed vents to help remove exhaled air and to prevent entry of welding smoke. This is a comfort and safety feature that welders really appreciate.

3M™ Speedglas™ FlexView System

Developed specifically for welding and welding preparation, the user simply lifts the spring-mounted filter assembly for a better view for chipping, grinding and prep work.

The spring holds the filter in place on top of the helmet, giving a clear view through the clear FlexView faceshield.

3M™ Speedglas™ ProTop System

Provides comfortable, well-balanced hard hat protection. In the up position, the helmet "nests" down low over the hard hat for a low center of gravity.

A pivot mechanism holds the helmet in both positions.

SELECTION CHART (All Speedglas™ Systems are Packaged 1 Per Case)

Product	Standard Helmet	Side Windows	ProTop	ProTop with SideWindows
Utility	04-0014-10U*	Not available	Not available	Not available
9000F	04-0012-10**	04-0012-10SW**	04-0015-10**	04-0015-10SW**
9000XF	04-0012-10X**	04-0012-10XSW**	04-0015-10X**	04-0015-10XSW**
9002V	04-0021-31	04-0012-31SW	04-0015-31	04-0015-31SW
9002X	04-0012-21	04-0012-21SW	04-0015-21	04-0015-21SW

Product	FlexView	FlexView with SideWindows	FlexView with ProTop	FlexView with ProTop and SideWindows
Utility	Not available	Not available	Not available	Not available
9000F	04-0016-10**	04-0016-10SW**	04-1516-10**	04-1516-10SW**
9000XF	04-0016-10X**	04-0016-10XSW**	04-1516-10X**	04-1516-10XSW**
9002V	04-0016-31	04-0016-31SW	04-1516-31	04-1516-31SW
9002X	04-0016-21	04-0016-21SW	04-1516-21	04-1516-21SW

* Last two number indicate Shade, either 10 or 11
** Last two number indicate Shade, either 10, 11 or 12. For example, a 9000F lens in a standard helmet, shade 10 would be product number 04-0012-10. The same helmet in shade 11 would be product number 04-0012-11.

PAINT SPRAY APPLICATIONS

Painers must be properly protected at all times. Even short periods of unprotected exposures topaint mists and vapors can cause serious healthproblems. 3M offers comfortable and effectivesafety products for these applications. To helpensure that painters are protected at all times ofexposure, it is critical that a cartridge changeoutschedule be established and followed.

3M™ DISPOSABLE HALF FACEPIECE RESPIRATOR 51P71, 52P71, 53P71

• Disposable design
• Helps protect against organic vapors
• Filters solid and liquid particles includingthose containing oil
• Permanently attached cartridges and replaceable filters

Part Number	OV/P95 Respirator Assembly Description	Respirators/ Case
MM 3M 51P71	Small	12
MM 3M 52P71	Medium	12
MM 3M 53P71	Large	12

3M™ PROFESSIONAL SERIES HALF FACEPIECE RESPIRATOR PACKOUT R7511ES, R7512ES, R7513ES

• 3M™Cool Flow™ Exhalation Valve for added comfort and easier exhalationin hot and humid work settings
• Reduced heat and moisture build up lead to longer wearing time
• The unique head harness design adds stability and comfort
• Thin-wall design around the nose adds comfort
• Fully maintainable

Part Number	Packout Description	Packouts/ Case
MM 3M R7511ES	Small	4
MM 3M R7512ES	Medium	4
MM 3M R7513ES	Large	4

3M™REUSABLE FULL FACPIECE RESPIRATOR PACKOUT 67P71, 68P71, 69P71

• Reusable respirator assembly
• Offers limited eye protection
• Helps protect against organic vapors
• Fully maintainableSee

Part Number	Packout Description	Packouts/ Case
MM 3M 67P71	Small	2
MM 3M 68P71	Medium	2
MM 3M 69P71	Large	2

3M™ ORGANIC VAPOR MONITOR 3500/3510

• Determine exposure levels to vapors
• Place on painter, in spray booth or inmixing room for the full work day
• Can be used to help establish a cartridge changeout schedule

Part Number	Description	Monitors/ Case
MM 3M 3500	OV Monitor	10
MM 3M 3510	OV Monitor, Includes Prepaid Analysis	5

A COMPLETE FAMILY OF DUAL CARTRIDGE RESPIRATORS FOR GRINDING, SANDING, WELDING AND PAINT SPRAY APPLICATIONS

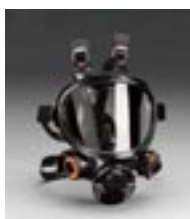## FACEPIECES

Half Facepiece
7501 (Small)
7502 (Medium)
7503 (Large)

Full Facepiece
6700 (Small)
6800(Medium)
6900 (Large)

Full Facepiece
7800S (Small)
7800S (Medium)
7800S (Large)

Part Number	Facepiece Description	Facepieces/ Box	Boxes/ Case
MM 3M 7501	Small	1	10
MM 3M 7502	Medium	1	10
MM 3M 7503	Large	1	10
MM 3M 6700	Small Facepiece	1	4
MM 3M 6800	Medium Facepiece	1	4
MM 3M 6900	Large Facepiece	1	4
MM 3M 7800S-S	Small Facepiece	1	4
MM 3M 7800S-M	Medium Facepiece	1	4
MM 3M 7800S-L	Large Facepiece	1	4

FOR GRINDING, SANDING, WELDING

Particulate Filter 2071, P95

Particulate Filter 2091, P100

Particulate Filter 2097, P100

Particulate Filter 7093, P100

Part Number	Filters/Bag	Bags/ Case
MM 3M 2071	2	50
MM 3M 2091	2	50
MM 3M 2097	3	50
MM 3M 7093	4	15
MM 3M 7093B	4	36

Part Number	Description	Filters- Cartriges/ Box	Boxes/ Case
MM 3M 501	Filter Retainer	20	5
MM 3M 5P71	Replacement Filter	10	10
MM 3M 6001	Organic Vapor Cartridge	2	30
MM 3M R6022	Replacement Cartridge/Filter Packout	1	5

FOR PAINT SPRAY

Replacement Retainer 501

Replacement Filter 5P71, P95

Replacement OV Cartridge 6001

Replacement Cartridge/Filter Packout R6022

3M

PACKOUTS: Includes facepieces with cartridges/filters. This is a good way to start a 3M respirator program.

Professional Series Respirator OV/P95

Full Facepiece Respirator OV/P95

Half Facepiece Respirator P100

Part Number	Packout Description	Packouts/ Case
MM 3M R7511ES	Small	4
MM 3M R7512ES	Medium	4
MM 3M R7513ES	Large	4

Part Number	Packout Description	Packouts/ Case
MM 3M 67P71	Small	2
MM 3M 68P71	Medium	2
MM 3M 69P71	Large	2

Part Number	Packout Description	Packouts/ Case
MM 3M 6191	Small	24
MM 3M 6291	Medium	24
MM 3M 6391	Large	24

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GVP POWERED AIR PURIFYING RESPIRATORS (PAPRS) FOR PAINT SPRAY APPLICATIONS

3M™ BELT-MOUNTED POWERED AIR PURIFYING RESPIRATORS

The 3M™Belt-Mounted PAPR combines a high level of protection with great performanceand versatility. This innovative design is able to operate with the 3M™H-Series Hoods, L-SeriesHeadgear and the Full Facepieces 7800S and6000 Series.

The GVP-1 PAPR Assembly Includes:

- Motor Blower GVP-100
- Power Cord GVP-110
- Battery Pack GVP-111
- Battery Charger GVP-112
- Flow Meter GVP-113
- Blower Plugs GVP-115
- Filter Plugs GVP-116
- Web Belt GVP-127
- Web Shoulder Strap GVP-1283M

Part Number	PAPR/Box	Box/Case
MM 3M GVP-1	1	1

| Full Facepiece 7800S (Small) 7800S (Medium) 7800S (Large) | 411Full Facepiece 6700DIN (Small) 6800DIN (Medium) 6900DIN (Large) | Bumpcap with Wide View Faceshield L-501 | Hood Assembly (with Collar and Cap) H-411 Full | Hood Assembly (with Collar and Hardhat) H-412 |

Part Number	Description	Packs/Case
MM 3M L-501	Bumpcap with Wide View Faceshield	1
MM 3M 7800S-S	Small Facepiece	4
4MM 3M 7800S-M4	Medium Facepiece	4
MM 3M 7800S-L	Large Facepiece	4
MM 3M 6700	Small Facepiece	4
MM 3M 6800	Medium Facepiece	4
MM 3M 6900	Large Facepiece	4
MM 3M H-411	Hood Assembly with Collar and Cap Suspension, Tychem®QC	1
MM 3M H-412	Hood Assembly with Collar and Hardhat,Tychem®QC	1

| Breathing Tube GVP-123 | Breathing Tube L-122 | Breathing Tube GVP-122 |

Part Number	Description	Packs/Case
MM 3M L-122	Breathing Tube (for use with L-Series headgear)	1
MM 3M GVP-123	Breathing Tube (for GVP-1 with 6000 Series/ 7800S Full Facepieces)	2
MM 3M GVP-122	Breathing Tube (for GVP-1 with H-Series Hoods)	1

1283M™ BELT-MOUNTED PAPR WITH COMFORT BELT GVP-PSK/07190

This system includes all of the components that make up our PAPR with Bumpcap and is now available as a single part number in a single package.

Includes:

- All components from GVP-CB assembly
- Bumpcap with Wide View Faceshield L-501
- Breathing Tube L-122
- Comfort Belt-Mounted PAPR Assembly
- Organic Vapor/HEPA Cartridge GVP-441
- Shower Cover GVP-119
- (5) Peel-off Lens Covers L-133

COMFORT BELT-MOUNTED PAPR ASSEMBLY GVP-CB

Each Assembly Includes:

- Moto rger GVP-112
- Flow Meter GVP-113
- Power Cord GVP-110
- Blower Plugs GVP-115
- Flow Meter Adapter L-181
- Adjustable Comfort Belt CB-1000Hood

Part Number	Description	Packs/Case
MM 3M GVP-PSK/07190	PAPR Paint Spray Kit	1

Part Number	Description	Packs/Case
MM 3M GVP-CB	Comfort Belt-Mounted PAPR Assembly (one size fits most)	1

Organic Vapor Cartridge GVP-401 (organic vapor only)

HEPA Filter GVP-440 (particulate only)

Organic Vapor/ HEPACartridge GVP-441 (organic vapor or particulate)

Part Number	Description	Packs/Case
MM 3M GVP-401	Organic Vapor Cartridge	6
MM 3M GVP-440	HEPA Filter	8
MM 3M GVP-441	Organic Vapor/HEPA Cartridge	6

NON STOP ADVANTAGES

OUR SERVICE IS GUARANTEED ALSO IN AUGUST AND IN CHRISTMAS TIME

SUPPLIED AIR RESPIRATOR SYSTEMS USING H-SERIES HOODS

Hood Assembly
(with Collar and Cap)
H-411

Hood Assembly
(with Inner Shroud and
Hardhat) H-422

Part Number	Description	Packs/ Case
MM 3M H-411	Hood Assembly with Collar and Cap Suspension Tychem® QC	1
MM 3M H-422	Hood Assembly with Inner Shroud and Hardhat Tychem® QC	1

Breathing Tube
W-5114

Part Number	Description	Packs/ Case
MM 3M W-5114	High Pressure Breathing Tube (60-100 psi Supply Pressure)	1

Vortex Cooling
Assembly
W-2862

Air Regulating
Valve Assembly
W-2907

Low Pressure
Assembly
W-3018

Part Number	Description	Packs/ Case
MM 3M W-2862	Vortex Air Cooling Assembly	1
MM 3M W-2907	Air Regulating Valve Assembly	1
MM 3M W-3018	Low Pressure Adapter Assembly	1

High Pressure Hose,
3/8"
W-9435-25 ft.
W-9435-50 ft.
W-9435-100 ft.

Low Pressure
Hose, 1/2"
W-3020-25 ft.
W-3020-50 ft.
W-3020-100 ft.

Part Number	Description	Packs/ Case
MM 3M W-9435-25	High Pressure 25', 3⁄8" ID	1
MM 3M W-9435-50	High Pressure 50', 3⁄8" ID	1
MM 3M W-9435-100	High Pressure 100', 3⁄8" ID	1
MM 3M W-3020-25	Low Pressure 25', 1⁄2" ID	1
MM 3M W-3020-50	Low Pressure 50', 1⁄2" ID	1
MM 3M W-3020-100	Low Pressure 100', 1⁄2" ID	1

Portable Air
Purification Panel
(50 cfm)
with CO Filtration
and Monitor, 4
Outlets
256-02-00

Portable Air
Purification Panel
(100 cfm) with
CO Monitor, 8
Outlets
256-02-01

Portable Air
Purification Panel
(50 cfm) without
CO Monitor
W-2806

↓

Retrofit CO
Monitor Kit
W-2808

Part Number	Description	Packs/ Case
MM 3M 256-02-00	Portable Air Purification Panel (50 cfm) with CO Filtration and Monitor, 4 Outlets	1
MM 3M 256-02-01	Portable Air Purification Panel (100 cfm) with CO Monitor, 8 Outlets	1
MM 3M W-2806	Portable Air Purification Panel (50 cfm) without CO Monitor	1
MM 3M W-2808	Retrofit CO Monitor Kit	1

SUPPLIED AIR RESPIRATOR SYSTEMS USING L-SERIES HEADGEAR

Bumpcap with Wide View Faceshield L-501

Breathing Tube L-122 For

Part Number	Description	Packs/Case
MM 3M L-501	Bumpcap with Wide View Faceshield	1
MM 3M L-122	Breathing Tube (for use with L-Series headgear)	1

Vortex Cooling Assembly V-100

Air Regulating Valve Assembly V-300

Low Pressure Connnector Assembly V-400

Part Number	Description	Packs/Case
MM 3M V-100	Vortex Cooling Assembly	1
MM 3M V-300	Air Regulating Valve Assembly	1
MM 3M V-400	Low Pressure Connector Assembly	

High Pressure Hose, 3/8" W-9435-25 ft. W-9435-50 ft. W-9435-100 ft.

Low Pressure Hose, 1/2" W-3020-25 ft. W-3020-50 ft. W-3020-100 ft.

Part Number	Description	Packs/Case
MM 3M W-9435-25	High Pressure 25', 3/8" ID	1
MM 3M W-9435-50	High Pressure 50', 3/8" ID	1
MM 3M W-9435-100	High Pressure 100', 3/8" ID	1
MM 3M W-3020-25	Low Pressure 25', 1/2" ID	1
MM 3M W-3020-50	Low Pressure 50', 1/2" ID	1
MM 3M W-3020-100	Low Pressure 100', 1/2" ID	1

Portable Air Purification Panel (50 cfm) with CO Filtration and Monitor, 4 Outlets 256-02-00

Portable Air Purification Panel (100 cfm) with CO Monitor, 8 Outlets 256-02-01

Portable Air Purification Panel (50 cfm) without CO Monitor W-2806

↓

Retrofit CO Monitor Kit W-2808

Part Number	Description	Packs/Case
MM 3M 256-02-00	Portable Air Purification Panel (50 cfm) with CO Filtration and Monitor, 4 Outlets	1
MM 3M 256-02-01	Portable Air Purification Panel (100 cfm) with CO Monitor, 8 Outlets	1
MM 3M W-2806	Portable Air Purification Panel (50 cfm) without CO Monitor	1
MM 3M W-2808	Retrofit CO Monitor Kit	1

DUAL AIRLINE SUPPLIED AIR RESPIRATOR SYSTEMS USING 3M FACEPIECES

Full Facepiece
6700 (Small)
6800(Medium)
6900 (Large)
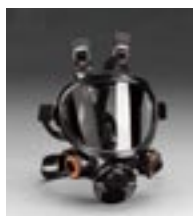
Full Facepiece
7800S (Small)
7800S (Medium)
7800S (Large)

Half Facepiece
7501 (Small)
7502 (Medium)
7503 (Large)

Part Number	Facepiece Description	Facepieces/ Box	Boxes/ Case
MM 3M 6700	Small Facepiece	1	4
MM 3M 6800	Medium Facepiece	1	4
MM 3M 6900	Large Facepiece	1	4
MM 3M 7800S-S	Small Facepiece	1	4
MM 3M 7800S-M	Medium Facepiece	1	4
MM 3M 7800S-L	Large Facepiece	1	4
MM 3M 7501	Small	1	10
MM 3M 7502	Medium	1	10
MM 3M 7503	Large	1	10

Back-Mounted
Adapter Kits
SA-2000
High Pressure
SA-2000LP
Low Pressure

Combination
Back-Mounted
Adapter Kits
SA-2100
High Pressure
SA-2100LP
Low Pressure

Combination kits allow for negative or positive pressure use.

FOR NEGATIVE PRESSURE

SA-2000LP ADAPTER KIT (LOW PRESSURE)

Includes SA-2500 Back-Mounted Breathing Tube, GVP-127 Web Belt and SA1009 Air Regulator or SA-1029 Connector (low Pressure).

COMBINATION DUAL AIRLINE SA-2100 OR SA-2100LP (LOW PRESSURE) ADAPTER KIT

Includes SA-2600 Combination Back-Mounted Breathing Tube, GVP-127 Web Belt and SA-1009 Air Regulator or SA-1029 Connector (low pressure). Cartridges/filters not included.

High Pressure
Hose, 3/8"
W-9435-25 ft.
W-9435-50 ft.
W-9435-100 ft.

Low Pressure
Hose, 1/2"
W-3020-25 ft.
W-3020-50 ft.
W-3020-100 ft.

Replacement
OV Cartridge
6001

Replacement
Retainer
501

Replacement
Filter
5P71, P95

Part Number	Adapter Kit Description	Kits/ Case
MM 3M SA-2000	High Pressure	1
MM 3M SA-2000LP	Low Pressure	1
MM 3M SA-2100	High Pressure	1
MM 3M SA-2100LP	Low Pressure	1

Part Number	Air Hose Description	Packs/ Case
MM 3M W-9435-25	High Pressure 25', 3⁄8" ID	1
MM 3M W-9435-50	High Pressure 50', 3⁄8" ID	1
MM 3M W-9435-100	High Pressure 100', 3⁄8" ID	1
MM 3M W-3020-25	Low Pressure 25', 1⁄2" ID	1
MM 3M W-3020-50	Low Pressure 50', 1⁄2" ID	1
MM 3M W-3020-100	Low Pressure 100', 1⁄2" ID	1

Part Number	Description	Filters Cartriges /Box	Boxes/ Case
MM 3M 501	Filter Retainer	20	5
MM 3M 5P71	Replacement Filter	10	10
MM 3M 6001	Organic Vapor Cartridge	2	30

Portable Air Purification Panel (50 cfm) with CO Filtration and Monitor, 4 Outlets
256-02-00

Portable Air Purification Panel (100 cfm) with CO Monitor, 8 Outlets
256-02-01

Portable Air Purification Panel (50 cfm) without CO Monitor
W-2806

↓

Retrofit CO Monitor Kit
W-2808

Part Number	Description	Packs/Case
MM 3M 256-02-00	Portable Air Purification Panel (50 cfm) with CO Filtration and Monitor, 4 Outlets	1
MM 3M 256-02-01	Portable Air Purification Panel (100 cfm) with CO Monitor, 8 Outlets	1
MM 3M W-2806	Portable Air Purification Panel (50 cfm) without CO Monitor	1
MM 3M W-2808	Retrofit CO Monitor Kit	1

SORBENT PRODUCTS

3M sorbents are used extensively in a wide variety of applications. From routine maintenanceto emergency spill cleanup, we offer a sorbent that is designed for the specific job. And theseproducts are designed with total cost in mind. By considering all cost factors—sorbent capacity,labor, disposal and the product cost—3M sorbentsare an economical and effective choice.

3M™ PETROLEUM SORBENTS

- Used extensively for cleaning up andrecovering petroleum-based liquids
- Effective for use under leaking equipment
- Dust free and contain no abrasive granulesthat could damage equipment
- Can be incinerated with only 0.2% ash residue
- Repels water while absorbing petroleumbased liquidsSee

Part Number	Approx. Dimensions/Sorbent Capacity	Packaging
MM 3M 29026	7" X 15" (35 Gallons/Bag)	16 Pillows/Case
MM 3M T-210	25 lbs./Bag (35 Gallons/Bag)	1 Bag/Bale
MM 3M T-240	5" X 14" X 25" (2 lbs./Pillow,3.5 Gallons/Pillow)	10 Pillows/Bale
MM 3M T-30	7" X 15" (.5 Gallons/Pillow)	16 Pillows/Bale
MM 3M T-270	8" Diameter X 10' (10 lbs./Boom,20 Gallons/Boom)	4 Booms/Bale
MM 3M T-280	5" Diameter X 10' (6.5 lbs./Double Boom,10 Gallons/Boom)	4 Double Booms/Bale
MM 3M P-FL550DD	5" Diameter X 50'/Box (8 Gallons/Box)	3 Boxes/Case
MM 3M T-100	38" X 144' X 3⁄8" (51 Gallons/Rolls)	1 Roll/Bag
MM 3M HP-100	38" X 144' X 1⁄4" (51 Gallons/Rolls)	1 Roll/Bag
MM 3M T-126	17" X 100' X 3⁄8" (17 Gallons/Sweep)	1 Sweep/Bale
MM 3M T-151	17" X 19" X 3⁄16" (.13 Gallons/Pad)	200 Pads/Bale
MM 3M T-156	17" X 19" X 1⁄4" (.25 Gallons/Pad)	100 Pads/Bale
MM 3M T-157	34" X 38" X 3⁄8" (1 Gallon/Pad)	50 Pads/Bale
MM 3M HP-156	17" X 19" X 1⁄4" (1 Gallon/Pad)	100 Pads/Bale
MM 3M HP-157	34" X 38" X 1⁄4" (1 Gallon/Pad)	50 Pads/Bale
MM 3M HP-255	17" X 19" X 1⁄2" (.5 Gallons/Pad)	50 Pads/Bale
MM 3M HP-256	17" X 119" X 1⁄2" (.5 Gallons/Pad)	100 Pads/Bale

3M™ MAINTENANCE SORBENTS

•Ideal for many facility maintenance jobs
•Designed to absorb non-aggressive liquids
such asoils, coolants,
cutting fluids, aqueous-
based fluidsand petroleum-
based products
•Can be wrung out and
reused numerous times
with virtually no loss of
sorbent capacity
•Easy to handle; they can
be put in place in just minutes
•Dust free and contain no abrasive granules
that could damage equipment
•Lightweight and very versatile

3M™SPILL KITS AND RESPONSE PACKS
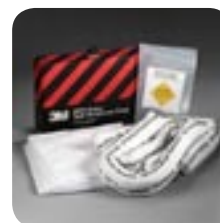
•The perfect solution for emergency response
•5-gallon Spill Kits are compact and easy
tostore until needed
•31-gallon Spill Kits are packed in a color-
coded, 20-gallon drumPart

Part Number	Approx. Dimensions/ Sorbent Capacity	Packs/ Case
MM 3M M-FL550DD	5" X 50'/Box (9 Gallons/Box)	3
MM 3M M-RL15150DD	151/2" X 150' Roll (20 Gallons/Case)	1
MM 3M M-RL38150DD	38" X 150' Roll (50 Gallons/Case)	1
MM 3M M-DC22DD	22" Drum Cover w/skirt (13 Gallons/Case)	25
MM 3M M-RG36300E	36" X 300' Rug (32 Gallons/Roll)	1
MM 3M M-RGC36100E	36" X 100' Rug w/coating (10.5 Gallons/Roll)	1

Part Number	Kit Contents	Kits/ Case
MM 3M P-SKFL31	Petroleum Sorbent - Folded (P-FL550DD) - 2 Rolls 5" X 50' Folded (19" X 50' fully opened) Petroleum Sorbent Pads (HP-156) - 30 Each 17" X 19"Temporary Disposal Bags and Ties - 3 White Drum with lid and plastic closure ring 1 Each 20 Gallon	3
MM 3M P-SKFL5	5" X 26' with Perforations every 16" (19" X 26' fully opened) One temporary disposal bag and tie	1

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HEAD AND FACE PROTECTION PRODUCTS

Head injuries are among the most common injuries that occur in all industries. For that reason, industry standards have been established to protect against such injuries. 3M offers a line of hard hats that can be used in virtually all industrial applications. These hard hats meet the requirements of ANSI Z89.1-1997, Type 1, Class C, E and G. They are available with a slide or ratchet suspension for size adjustment.

3M™ OMEGA II™ HARD HATS, STANDARD SUSPENSION

- Lightweight and wellbalanced for worker comfort and acceptance
- Slide sizing adjustment with six-point suspension
- Fits sizes 6 1/2 – 7 3/4

3M™ OMEGA II™ HARD HATS, RATCHET SUSPENSION

- This design allows the user to adjust the size for perfect fit without removing the hard hat
- Soft, removable brow pad
- Polyethylene headband allows maximum adjustability for greatest comfort
- Fit sizes 5 7/8 – 8

3M™ Omega II™ Hard Hats are designed with the user in mind

Standard Suspension

Ratchet Suspension

3M™ HARD HAT MOUNTED EAR MUFFS 1450

- Two-position design fits a variety of hard hats
- Ear muffs flip up and stay in position when not in use
- Noise reduction rating of 23dB
- Use with Replacement Parts Kit 1442

3M™ FACE SHIELD KIT 1631

- Uses replaceable polycarbonate material for clearer vision
- Cam lock helps hold the face shield in place
- Simple slide-sizing adjustment
- Use Replacement Visor Kit 1632

Part Number	UPC Number	Description	Each/ Case
MM 3M 1450	051138-29335	Hard Hat Mounted Ear Muffs	20
MM 3M 1901	051138-76809	Omega II™ Hard Hat White, Standard Suspension	30
MM 3M 1902	051138-76810	Omega II™ Hard Hat Yellow, Standard Suspension	30
MM 3M 1903	051138-76811	Omega II™ Hard Hat Orange, Standard Suspension	30
MM 3M 1905	051131-52590	Omega II™ Hard Hat Red, Standard Suspension	30
MM 3M 1906	051131-52591	Omega II™ Hard Hat Blue, Standard Suspension	30
MM 3M 1911	051138-76813	Omega II™ Hard Hat White, Rachet Suspension	30
MM 3M 1912	051138-76814	Omega II™ Hard Hat Yellow, Rachet Suspension	30
MM 3M 1915	051131-52592	Omega II™ Hard Hat Red, Rachet Suspension	30
MM 3M 1916	051131-52593	Omega II™ Hard Hat Blue, Rachet Suspension	30
MM 3M 1904	051138-76812	Replacement Standard Suspension	10
MM 3M 1914	051138-76816	Replacement Rachet Suspension	30
MM 3M 1950	051138-76831	Replacement Brow Pad	10

Part Number	UPC Nr.	Descrip.	Each/ Case
MM 3M 1631	051138-37106	Face-shield Kit	5

PROTECTIVE EYEWEAR

Eye injuries can result from many differentworkplace hazards including splashes, debrisand impact. 3M eye protection products can helpenhance safety in areas where such hazards exist.These products are available in several styles withdifferent lens/frame color combinations for greaterpersonal choice. They are comfortable, fashionableand are a very good value.

3M™ PROTECTIVE EYEWEAR 1701,1702

- Polycarbonate lenses with 99% UV protection
- Lightweight and comfortable
- High worker acceptance

Part Number	UPC Number	Descr.	Each/ Case	Packs/ Case
MM 3M 1701	051138-76800	Protective Eyewear, Smoke Frame, Smoke Lens	1	24
MM 3M 1702	051138-76801	Protective Eyewear, Clear Frame, Clear Lens	1	24

3M™ PROTECTIVE EYEWEAR 1722, 1723, 1740, 1743

- Polycarbonate lenses with 99% UV protection
- Wraparound design
- Non-slip rubber head grip for wearer comfort
- 5-position adjustable temple
- Soft vinyl nose pad

Part Number	UPC Number	Descr.	Each/ Case	Packs/ Case
MM 3M 1722	051138-76806	Protective Eyewear, Red,White and Blue Frame, Clear Lens	1	24
MM 3M 1723	051131-37109	Protective Eyewear, Black Frame, Amber Lens	1	24
MM 3M 1740	051131-37110	Protective Eyewear, Clear Lens	1	24
MM 3M 1743	051131-37112	Protective Eyewear, Amber Lens	1	24

3M™VISITOR SPECS 1611, CLEAR

- Polycarbonate lenses with 99% UV protection
- Intended for visitors and other short-term users
- Can be worn alone or over prescription glasses

Part Number	UPC Number	Descr.	Each/ Case	Packs/ Case
MM 3M 1611	051131-37101	Visitor Specs, Clear	1	300

3M™ PROTECTIVE EYEWEAR 1750,1751,1752,1760

- Stylish, contemporary design
- Lightweight, comfortable lens
- Wraparound design provides side protection
- Shatter-resistant polycarbonate lens
- Provides 99% UV protection

1750

1751

1752

1760

Part Number	UPC Number	Descr.	Each/ Case	Packs/ Case
MM 3M 1750	051131-37113	Protective Eyewear, Gray Frame, Clear Lens	1	24
MM 3M 1751	051131-37114	Protective Eyewear, Gray Frame, Smoke Lens	1	24
MM 3M 1752	051131-37115	Protective Eyewear, Blue Frame, Mirrored Lens	1	24
MM 3M 1760	051131-37116	Protective Eyewear, Clear Frame, Clear Lens	1	24

HEARING PROTECTION PRODUCTS

In a typical workplace, noise is an ever-constant problem. To protect themselves, workers must have available and always use comfortable and effective products to help prevent long-term hearing loss due to exposure to pounding, grinding, high-pressure spray operations, air wrenches, overhead cranes, etc. 3M offers a variety of ear muffs and ear plugs to reduce noise levels that are present in most industrial settings.

* Research suggests that the Noise Reduction Rating (NRR) may overestimate the protection provided by hearing protectors during typical use. 3M recommends reducing the NRR by 50% for estimating the amount of noise reduction provided.

3M™ PADDED EAR MUFFS 1440

- Comfortable padded headband
- Lightweight
- Noise Reduction Rating of 24dB*
- Contoured ear cushion seal
- Use with Replacement Parts Kit 1442

3M™ THREE-POSITION EAR MUFFS 1427

- Rotating head band and adjustable strap provides secure fit in any of the three positions
- Noise Reduction Rating of 27dB* when band is worn over or behind the head. Noise Reduction Rating is 26dB* when band is worn under the chin.

Part Number	UPC Number	Pairs/ Case
MM 3M 1440	051138-29334	20
MM 3M 1427	051138-76981	20

3M™ REUSABLE EAR PLUGS 1260, 1270

- Triple-flange plugs securely fits into the ear canal for comfort and reliable protection
- Noise reduction rating of 24dB*
- 1270 has a braided cord for convenience

Part Number	UPC Number	Description	Pairs/ Case	Boxes/ Case
MM 3M 1260	051138-66226	Reusable	100	5
MM 3M 1270	051138-66228	Reusable, Corded	100	5

3M™ BANDED HEARING PROTECTOR 1310

- The unique band stays in place without a lot of pressure
- Noise Reduction Rating of 21dB* when band is worn behind the head
- Noise Reduction Rating of 20dB* when band is worn under the chin
- Use with Replacement Pads 1311

Part Number	UPC Number	Each/Box	Boxes/ Case
MM 3M 1310	051138-66003	10	5
MM 3M 1311	051138-66004	20	5

3M™ FOAM EAR PLUGS 1120, 1130

- Noise Reduction Rating of 28dB*
- Made of extra soft, very comfortable material
- Hypo-allergenic
- 1130 has a braided cord for convenience

Part Number	Description	Pairs/Box	Boxes/ Case
MM 3M 1120	Ear Plug	200	5
MM 3M 1130	Corded Ear Plug	100	5

3M™ FOAM EAR PLUG DISPENSER

- Dispenses 3M™ Foam Ear Plugs 1100 and 3M™ Soft Foam Ear Plugs 1120/37062.
- Durable, lightweight plastic dispenser mounts easily on the wall wherever protection from loud sounds is needed (mounting screws not included).
- Simple, one-handed operation.
- Sturdy optional base holds dispenser securely for use on tables, benches and flat surfaces.
- Holds up to 700 pair of ear plugs.

Part Number	UPC Number	Description	Pairs/Case	Boxes/ Case
MM 3M 1100-DP	051131-91790	Dispenser Assembly w/1000 pair 1100 Foam Ear Plugs	-	-
MM 3M 1120-DP	051131-37151	Dispenser Assembly w/1000 pair 1120 Soft Foam Ear Plugs	-	-
MM 3M 1100-R	051131-91789	Refill, 1100 Foam Ear Plugs	500 pair/bag	4 bags
MM 3M 1120-R	051131-37152	Refill, 1120 Soft Foam Ear Plugs	500 pair/bag	4 bags
MM 3M DSP-B	051131-37153	Optional heavy base for 3M Foam Ear Plug Dispenser	1 base/box	4 boxes

* Research suggests that the Noise Reduction Rating (NRR) may overestimate the protection provided by hearing protectors during typical use. 3M recommends reducing the NRR by 50% for estimating the amount of noise reduction provided.

IMPORTANT WARNINGS

⚠WARNING : Negative Pressure Respirators

Each respirator must be properly selected based on the contaminant and concentration levels to which the worker is exposed. Respirators shown in this catalog may be used for exposures below 10X the PEL or applicable government occupational exposure limits, whichever is lower.

Failure to follow the use and fitting instructions and warnings for proper use contained on the respirator packaging and/or failure to wear the respirator during all times of exposure can reduce respirator effectiveness and **may result in sickness or death.** For proper use, see your supervisor. For more information, call 3M OH&ESD Technical Service at 1-800-243-4630. In Canada, call 1-800-267-4414.

⚠WARNING : Positive Pressure Respirators

These respirators help reduce exposure to certain airborne contaminants. Use by untrained or unqualified persons, or use not in accordance with the instructions, may adversely affect product performance and **result in sickness or death.**

3M™ Positive Pressure Respirators are to be used only by qualified persons properly trained in their use and maintenance, and only in accordance with their *User Instructions* provided as part of product packaging. Each person using these products must first read and understand the *User Instructions*. For proper use, see supervisor, packaging or call 3M OH&ESD Technical Service at 1-800-243-4630. In Canada, call 1-800-267-4414.

⚠WARNING : Head And Face Protection

These safety products provide limited protection only. **Misuse or failure to follow warnings and instructions may result in serious personal injury or death.** For proper use, see supervisor, instructions and warnings, or call 3M OH&ESD Technical Service in U.S.A., 1-800-243-4630. In Canada, call 1-800-267-4414.

⚠WARNING : Protective Eyewear

These safety products provide limited protection only. Do not use when performing torch burning, torch cutting, torch welding, electric (arc) welding, furnace corrections, molten metals operations, or any other operations which expose your eyes to harmful levels of infrared and ultra-violet radiation. **Misuse or failure to follow warnings and instructions may result in serious personal injury, including blindness, or death.** For proper use, see supervisor, product instructions and warnings or call 3M OH&ESD Technical Service at 1-800-243-4630. In Canada, call 1-800-267-4414.

⚠WARNING : Hearing Protection Products

These hearing protection products help prevent hearing loss against certain noises. To provide proper protection, the hearing protector should be (1) suitable for the job, (2) fitted properly in/on the ear, (3) worn during all times of exposure to noise, and (4) replaced when damaged or otherwise necessary. Failure to fit and use hearing protectors according to these instructions will reduce their effectiveness. Failure to wear hearing protectors 100% of the time that you are exposed to hazardous noise may dramatically increase your risk of developing hearing loss. Keep ear plugs away from infants and small children. They may get caught in a child's windpipe.

⚠WARNING : Sorbents

Failure to properly handle and dispose of sorbents contaminated by hazardous materials can result in serious physical injury or death and/or environmental harm. For proper handling, consult the Material Safety Data Sheet for the material absorbed, applicable safety and health standards, contact your supervisor, or call 3M.

PERSONAL CARE PRODUCTS

3M™ PAINT BUSTER™ HAND CLEANER

3M™ Paint Buster™ Hand Cleaner is a cream type hand cleaner that offers superior performance in the removal of marine bottom and topside paints, primers, varnishes, fairing compounds, putties, adhesives and sealants from skin. 3M Paint Buster hand cleaner is non-toxic and non-caustic, enabling quick removal of marine repair and refinish materials from hands without the use of skin damaging solvents.

Part Number	Tube Size	Tubes/Case
MM 3M 05975	10.5 fl. oz.	12

3M™ NEXCARE™ WATERPROOF BANDAGES

3M™ Nexcare™ Waterproof Bandages have a unique shape that provide superior waterproof protection even when showering and bathing. They help prevent infection by forming a barrier to keep bacteria from cuts, scrapes, burns, blisters and other minor injuries. 3M Nexcare waterproof bandages are made of ultra-thin, breathable material that bends and flexes as you move; the non-stick pad won't stick to the wound. These bandages are transparent and a perfect match to your skin.

Part Number	Size	Each/ Box	Box/ Case
MM 3M 66427	Assorted Pack: 15 – 7/8" Spots 10 – 1-1/16" x 2-1/4" Strips 5 – 1-1/4" x 2-1/2" Strips	30	24

3M™ NEXCARE™ ACTIVE™ FLEXIBLE FOAM BANDAGES

3M™ Nexcare™ Active™ Flexible Foam Bandages feature an advanced moisture-resistant adhesive that provides extra sticking power on damp or sweaty skin. Bandage stays put during work and resists coming off when immersed in water. 3M Nexcare Active flexible foam bandages are made of a unique, flexible foam that stretches, flexes and conforms, unlike many conventional plastic bandages that can curl up, fall off or chaff the skin. The adhesive strip forms a frame around the pad to help seal out dirt and contaminants.

Part Number	Size	Each/ Box	Box/ Case
MM 3M 62030	Assorted Pack: 10 – 7/8" x 3" Strips 10 – 5/8" x 3" Strips 10 – 7/8" Spots 15 – 3/8" x 1-1/2" Strips	200	5

3M™ ULTRATHON™ INSECT REPELLENT

Rated #1 by a leading consumer magazine. Ultrathon's patented 3M Controlled Release Technology works for up to twelve hours—long after other repellents have dissipated.

3M™ Ultrathon™ Insect Repellent creates a barrier that repels mosquitos that may carry West Nile Virus, ticks that may carry Lyme Disease, plus biting flies, chiggers, and more. It also resists perspiration for extraordinary effectiveness.

Part Number	Tube Size	Tubes/Case
MM 3M 67442	2 oz.	12

![3M logo]

3M™ NEXCARE™ COMFORT STRIPS

Comfort strips have a soft, velvety material that stretches and conforms. It "breathes" even between the holes to help keep skin dry and cool. The unique air flow pattern allows sweat and moisture to evaporate. The extra stick adhesive resists loosening when wet. The adhesive around the pad area helps to "seal" out dirt and other contaminants.

Part Number	Size	Each/Box	Box/Case
MM 3M 65289	Assorted Pack: 10 – 3/4" x 3" 5 – 1" x 3" 10 – 5/8" x 2-1/4" 10 – spots 15 – mini's	50	24

COMFORT MASKS

3M™ 8661ES COMFORT MASK

Lightweight, disposable masks offer relief from irritating effects of common household dusts. Patented filter media is greater than 90% efficient for particles of all sizes. Contour fit, soft metal nosepiece adjusts closely over the bridge of the nose.

Part Number	Masks/Pack	Packs/Case
MM 3M 8661ES	5	12

3M™ 8662ES COMFORT MASK

Lightweight, disposable masks offer relief from irritating effects of common household dusts. Patented filter media is greater than 90% efficient for particles of all sizes. Contour fit, soft metal nosepiece adjusts closely over the bridge of the nose.

Part Number	Masks/Pack	Packs/Case
MM 3M 8662ES	5	12

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RETAIL PACKAGED SAFETY PRODUCTS

Protection for You

3M is a leading name in comfort masks and respirators. Wherever they are used, people in industry and at home recognize 3M Personal Safety Products for their quality and performance.

With the increased popularity in Do-It-Yourself activities and growing consumer awareness in health and safety, more knowledgeable consumers are demanding more effective Do-It-Yourself protection. So, it's important that you have the

best protection possible. The 3M Personal Safety Products program assures you of that kind of protection.

3M™ R8511ES WOODWORKING/ SANDING AND FIBERGLASS RESPIRATOR

The 3M™ R8511ES Woodworking/Sanding and Fiberglass Respirator provides protection from dusts encountered during sanding jobs (wood or non-lead based fiberglass paint). U.S. government approved.

Part Number	Respirators/Pack	Packs/Case
MM 3M R8511ES	1	12

3M™ 8656ES LATEX PAINT AND ODOR RESPIRATOR

The 3M™ 8656ES Latex Paint and Odor Respirator provides protection against sanding dust and fiberglass insulation dust, particle board, drywall compounds and painted surfaces. Meets requirements of NIOSH 42 CFR 84 N95. This respirator is 95% efficient against solid and liquid aerosols that do not contain oil.

Part Number	Respirators/Pack	Packs/Case
MM 3M 8656ES	1	12

3M™ R8515ES WELDING RESPIRATOR

The 3M™ R8515ES Welding Respirator helps reduce exposure to fumes encountered during welding applications.

Part Number	Respirators/Pack	Packs/Case
MM 3M R8515ES	1	12

3M™ 8654ES SANDING AND FIBERGLASS RESPIRATOR

The 3M™ 8654ES Sanding and Fiberglass Respirator provides protection against dust encountered during sanding jobs.

Part Number	Respirators/Pack	Packs/Case
MM 3M 8654ES	2	12

3M

3M™ H8750 COMFORT FOAM EAR PLUGS

Protects ears from loud noises that can result in hearing loss.

Part Number	Pairs/Pack	Packs/Case
MM 3M H8750	2	12

3M™ PARTICULATE FILTER 2091, P100 — RETAIL PACKAGED

Meets the NIOSH 42 CFR 84 filtration classification, P100. The 2091 does so with 3M's new Advanced Electret Media (AEM). Currently, it is the only filter not made from fiberglass components to achieve a P100 rating. Use for all applications that in the past required the use of dust/mist, dust/fume/mist class or HEPA-rated respiratory protection. The 2091 is lightweight, versatile, simple to use, compatible, exceptionally efficient respiratory filter and priced competitively.

Part Number	UPC Number	Each/Box	Box/Case
MM 3M R2091	051138-76582	4	5

3M™ REPLACEMENT LENS COVERS 6000 SERIES — RETAIL PACKAGE

Faceshield cover for use with the 3M™ 6000 Series Full Facepiece Respirator.

Part Number	UPC Number	Each/Bag	Bags/Case
MM 3M R6885ES	051131-52634	25	4

3M™ 8660ES WELDING RESPIRATOR

The 3M™ 8660ES Welding Respirator provides protection against dust from wood working, coal, iron ore, cotton, flour and certain other substances; mists from sprays that do not also produce vapors and do not contain oil; metal fumes from welding, brazen, cutting and other operations involving heating of metals. U.S. government approved.

Part Number	Respirators/Pack	Packs/Case
MM 3M 8660ES	1	6

3M™ PARTICULATE FILTER 2071, P95 — RETAIL PACKAGED

Lightweight and easy to use, the 3M™ Particulate Filter 2071, P95 is designed for applications such as grinding, sanding and welding. It provides approved protection in environments where oil aerosols may be present. Can be used with 3M™ 5000 Series Respirators when equipped with the 502 adapter (adapter must be ordered separately.)

Part Number	UPC Number	Each/Box	Box/Case
MM 3M R2071	051138-76681	4	5

3M™ PAINT SPRAY REPLACEMENT 6000 SERIES — RETAIL PACKAGED

Cartridge can be used with 3M™ 6000 Series Half Facepiece and Full Facepiece Respirator with bayonet attachment.

Part Number	UPC Number	Each/Case
MM 3M R6022	051138-54270	5

3M™ SAFETY GOGGLES 1621 SPLASH-PROOF — RETAIL PACKAGE

3M™ Safety Goggles, Splash-Proof have a polycarbonate lens to protect against chemical splashes. Pliable vinyl frames provide comfortable fit and vents enhance air circulation to prevent fogging. Individually carded for retail sale.

Part Number	UPC Number	Bags/Case
MM 3M R1621ES	051131-52524	15

3M™ EAR MUFF 1425 — RETAIL PACKAGE

Lightweight, economical ear muffs designed for comfort and durability in most work environments. Individually carded for retail sale.

Part Number	UPC Number	Each/Bag	Bags/Case
MM 3M R1425ES	051131-52600	1	10

3M™ EAR MUFF 1427 — RETAIL PACKAGE

A combination of versatility and performance. The rotating headband and adjustable head strap make it easy to obtain a secure fit in any of three different positions. Individually carded for retail sale.

Part Number	UPC Number	Each/Bag	Bags/Case
MM 3M R1427ES	051131-52601	1	10

3M™ VISITOR SPECS 1611 CLEAR — RETAIL PACKAGE

3M™ Visitor Specs provide eye protection for temporary visitors, and short term users. Can be worn alone or over prescription glasses. Individually carded for retail sale.

Part Number	UPC Number	Bags/Case
MM 3M R1611ES	051131-52522	10

3M™ SAFETY GOGGLES 1620 PERFO-RATED — RETAIL PACKAGE

3M™ Safety Goggles are perforated, soft and comfortable with flexible vinyl frames. These are goggles for general use and should not be worn in areas where chemical splashes and fumes may be present. Individually carded for retail sale.

Part Number	UPC Number	Bags/Case
MM 3M R1620ES	051131-52523	15

![3M]

3M™ BOAS™ PROTECTIVE EYEWEAR — RETAIL PACKAGE

3M™ Boas™ Protective Eyewear have UV Protection up to 99%. They are lightweight and designed for worker acceptance. Lens made of durable, hardcoated polycarbonate. For outdoor or bright environments. The R-1701ES style has a tinted lens. Individually carded for retail sale.

Part Number	UPC Number	Each/Case
MM 3M R1700ES	051131-52526	10
MM 3M R1701ES	051131-52527	10

3M™ STING-RAYS™ PROTECTIVE EYEWEAR — RETAIL PACKAGE

3M™ Sting-Rays™ Protective Eyewear have lightweight, contemporary style frames that offer side and brow protection. The lenses are made of durable, hardcoated polycarbonate. The R-1712ES style has a tinted lens. Individually carded for retail sale.

Part Number	UPC Number	Each/Case
MM 3M R1710ES	051131-52528	10
MM 3M R1712ES	051131-52529	10

3M™ LAZERS™ PROTECTIVE EYEWEAR — RETAIL PACKAGE

3M™ Lazers™ Protective Eyewear have a wraparound design with a non-slip rubber headgrip for added comfort. The R-1721ES style has a mirrored lens. Individually carded for retail sale.

Part Number	UPC Number	Each/Case
MM 3M R1720ES	051131-52530	10
MM 3M R1721ES	051131-52531	10

3M™ FACESHIELD KIT — RETAIL PACKAGE

3M™ Faceshield Kit uses replaceable polycarbonate material for clearer vision. The cam-lock feature holds the faceshield in place. It uses a slide adjustment for easy sizing. Packaged one per header carded bag for retail sale.

Part Number	UPC Number	Kits/Case
MM 3M R1631ES	051131-52525	5

3M™ 7500 PROFESSIONAL SERIES ORGANIC VAPOR P95 HALF MASK RESPIRATOR PACKOUT — RETAIL PACKAGE

The 3M™ Professional Series Organic Vapor P95 Packout is 3M recommended for paint spray applications. Packouts include the ultracomfortable Professional Series Facepiece, two 6001 organic vapor cartridges, four 5P71, P95 filters and two 501 retainers.

Part Number	UPC Number	Description	Each/Case
MM 3M R7511ES	051131-52764	Small Respirator Packout	4
MM 3M R7512ES	051131-52765	Medium Respirator Packout	4
MM 3M R7513ES	051131-52766	Large Respirator Packout	4

3M™ HEAD PROTECTION PRODUCTS — RETAIL PACKAGE

3M™ Head and Face Protection Products are designed to enhance safety in the work place. In addition, they combine personal comfort, and a fashionable appearance with overall value. All 3M head protection products feature lightweight, high-density polyethylene molding, fully cushioned brow pads for moisture absorption, a 6-point suspension and compliance with ANSI Z89.1-1997 Type 1, Class C, E, and G requirements. Omega II Hard Hats – standard slide suspension adjusts to fit sizes 6-1/2 to 7-1/4. Ratchet suspension fits 5-1/8 to 8. Ratchet has soft removable head band for maximum adjustability and comfort. Key advantages are: meets ANSI requirements, available in variety of colors, styles and suspensions, can be worn backwards by adjusting suspension, front brimmed or full brim styles available. Individually carded for retail sale.

Part Number	UPC Number	Description	Each/Case
MM 3M R1911ES	051138-76681	Omega II™ Hard Hat, White, Ratchet Suspension	8
MM 3M R1912ES	051131-52533	Omega II™ Hard Hat, Yellow, Ratchet Suspension	8
MM 3M R1921ES	051131-52534	Hard Hat, White	8
MM 3M R1922ES	051131-52535	Hard Hat, Yellow	8
MM 3M R1931ES	051131-52536	Full Brim Hard Hat, White, Ratchet Suspension	8

3M™ PROFESSIONAL SERIES HALF FACEPIECE RESPIRATOR REBUILD KIT

Includes replacement parts to maintain the durable respirator facepiece.

Part Number	UPC Number	Description	Packouts/Case
MM 3M R7530ES	051131-52767	Kit	5

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FLOOR AND DECK MATTING

3M™ NOMAD™ SCRAPER MATTING 6050

A non-woven open matting formed of continuous vinyl filaments that has an integral fused, all-vinyl foam backing forming a comfortable, cushioned walking surface. It provides anti-fatigue as well as dirt trapping and collecting properties.

Part Number	Color	Each/Case
Non-Embossed "Standard Mat"		
22" x 34"		
MM 3M 26442	Blue	6
MM 3M 26440	Cabernet	6
MM 3M 26441	Chesnut (Dk. Brown)	6
MM 3M 26182	Concrete (Lt. Gray)	6
MM 3M 26183	Dove (Brown)	6
MM 3M 26436	Ebony	6
MM 3M 26443	Silver	6
MM 3M 26439	Slate (Gray)	6
MM 3M 26437	Spruce	6
3' x 5'		
MM 3M 26449	Blue	1
MM 3M 26447	Cabernet	1
MM 3M 26448	Chesnut (Dk. Brown)	1
MM 3M 26186	Concrete (Lt. Gray)	1
MM 3M 26187	Dove (Brown)	1
MM 3M 17780	Ebony	1
MM 3M 26451	Forest	1
MM 3M 17580	Red	1
MM 3M 26446	Seagray	1
MM 3M 26450	Silver	1
MM 3M 26445	Slate (Gray)	1
3' x 10'		
MM 3M 29566	Slate (Gray) — with Nozing	1
3' x 20'		
MM 3M 26243	Blue	1
MM 3M 26240	Dove (Brown)	1
MM 3M 26246	Ebony	1
MM 3M 26242	Forest	1
MM 3M 26239	Slate (Gray)	1

3M™ Nomad™ Scraper Matting 6050 (contin.)

Part Number	Color	Each/Case
4' x 6'		
MM 3M 26456	Blue	1
MM 3M 26453	Cabernet	1
MM 3M 26455	Chesnut (Dk. Brown)	1
MM 3M 26188	Concrete (Lt. Gray)	1
MM 3M 26189	Dove (Brown)	1
MM 3M 17790	Ebony	1
MM 3M 26458	Forest	1
MM 3M 17788	Red	1
MM 3M 26454	Seagray	1
MM 3M 26457	Silver	1
MM 3M 26452	Slate (Gray)	1
4' x 20'		
MM 3M 26272	Blue	1
MM 3M 26275	Dove (Brown)	1
MM 3M 26269	Ebony	1
MM 3M 26273	Forest	1
MM 3M 26276	Slate (Gray)	1

3M™ NOMAD™ SCRAPER MATTING 8100

Combines vinyl loops that scrape dirt and moisture from shoes with an unbacked construction that makes it easy to clean up the debris that falls through the mat.

This grease- and oil-resistant matting is designed for exterior facility entrances or recessed wells.

Part Number	Color	Each/Case
3' x 5'		
MM 3M 29467	Concrete (Lt. Gray)	1
MM 3M 29462	Dove (Brown)	1
MM 3M 29466	Ebony	1
MM 3M 29463	Red	1
4' x 6'		
MM 3M 29464	Concrete (Lt. Gray)	1
MM 3M 29469	Dove (Brown)	1
MM 3M 29468	Ebony	1
MM 3M 29465	Red	1
4' x 20'		
MM 3M 34501	Dove (Brown) — Unbacked	1
MM 3M 34635	Slate (Gray) — Unbacked	1

## 3M™ NOMAD™ SCRAPER MATTING 8150

Combines vinyl loops that scrape dirt and moisture from shoes with a durable backing that keeps dirt and moisture from falling through the mat onto the floor underneath. This grease- and oil-resistant matting is designed for exterior or interior facility entrances or recessed wells.

Part Number	Color	Each/Case
3' x 5'		
MM 3M 26468	Blue	1
MM 3M 26466	Cabernet	1
MM 3M 26467	Chesnut (Dk. Brown)	1
MM 3M 29474	Dove (Brown)	1
MM 3M 29473	Ebony	1
MM 3M 26470	Forest	1
MM 3M 29477	Red	1
MM 3M 26465	Seagray	1
MM 3M 26469	Silver	1
MM 3M 26464	Slate (Gray)	1
4' x 6'		
MM 3M 26481	Blue	1
MM 3M 26479	Cabernet	1
MM 3M 26480	Chesnut (Dk. Brown)	1
MM 3M 29476	Concrete (Lt. Gray)	1
MM 3M 29471	Dove (Brown)	1
MM 3M 29470	Ebony	1
MM 3M 26483	Forest	1
MM 3M 29472	Red	1
MM 3M 26478	Seagray	1
MM 3M 26482	Silver	1
MM 3M 26477	Slate (Gray)	1
3' x 20'		
MM 3M 34563	Dove (Brown) — Backed	1
MM 3M 34562	Slate (Gray) — Backed	1
4' x 20'		
MM 3M 34556	Dove (Brown) — Backed	1
MM 3M 34557	Slate (Gray) — Backed	1

3M™ SAFETY-WALK™ MATTING WET AREA MATTING 1500

Also known as 3M™ Nomad™ Medium Traffic Unbacked Matting; 3M™ Safety-Walk™ Wet Area Matting 1500 has an open, coiled vinyl construction allowing water to drain through, making it ideal for locker rooms, shower areas and around saunas. The cushioned vinyl loops provide comfort for barefoot traffic. Antimicrobial coating provides resistance to mildew, fungus and odors in the mat. This matting is easy to maintain – just clean by shaking or washing with a hose or power washer.
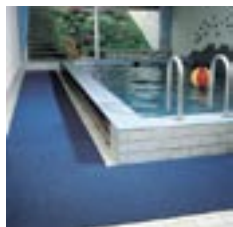
Part Number	Color	Size	Each/Case
MM 3M 17635	Spruce	3' x 20'	1
MM 3M 17636	Blueberry	3' x 20'	1

3M™ SAFETY-WALK™ MATTING WET AREA MATTING 3200

Also known as 3M™ Entrap™ Wet Area Matting; 3M™ Safety-Walk™ Wet Area Matting 3200 is ideal for pool/whirlpool areas, locker rooms, shower areas and around saunas. The open, vinyl Z-web design allows liquids and small debris to fall through, helping to reduce slips and falls. The matting has an antimicrobial coating providing resistance to mildew, fungus and odors in the mat. The open, Z-web construction provides a barefoot slip-resistant surface for wet areas. The matting's surface spacing and design provides uniform foot support.

Part Number	Color	Size	Each/Case
MM 3M 13722	Blue	3' x 20'	1
MM 3M 13723	Wheat	3' x 20'	1
MM 3M 16107	Blue	3' x 10'	1
MM 3M 16108	Wheat	3' x 10'	1

3M™ NOMAD™ CARPET MATTING 4000

3M™ Nomad™ Carpet Matting 4000 is a ribbed product that removes dirt and water from foot traffic. This product is suitable for entryways of low traffic facilities.

Part Number	Color	Each/Case
2' x 3'		
MM 3M 23749	Brown	6
MM 3M 23748	Charcoal	6
MM 3M 23764	Cranberry	6
MM 3M 23750	Lt. Gray	6
3' x 5'		
MM 3M 23768	Brown	1
MM 3M 23767	Charcoal	1
MM 3M 23766	Cranberry	1
MM 3M 23322	Hunter Green	1
MM 3M 23769	Lt. Gray	1
3' x 10'		
MM 3M 23773	Brown	1
MM 3M 23771	Charcoal	1
MM 3M 23770	Hunter Green	1
MM 3M 23774	Lt. Gray	1
4' x 6'		
MM 3M 23791	Brown	1
MM 3M 23790	Charcoal	1
MM 3M 23788	Cranberry	1
MM 3M 23789	Hunter Green	1
MM 3M 23793	Lt. Gray	1
4' x 10'		
MM 3M 23796	Charcoal	1
MM 3M 23795	Cranberry	1
MM 3M 23794	Hunter Green	1
MM 3M 23798	Lt. Gray	1

3M™ ENHANCE™ MATTING 850

Also known as 3M™ Nomad™ Carpet Matting 8850. Features a patented dual-fiber design; large, crush-resistant polypropylene fibers that scrape, remove and hide loose dirt; and small nylon fibers that wick away water from foot and wheeled traffic for heavy traffic entryways.

Part Number	Color	Each/Case
2' x 3'		
MM 3M 20642	Ebony	6
MM 3M 23415	Spruce	6
3' x 5'		
MM 3M 23417	Blueberry	1
MM 3M 23418	Burgundy	1
MM 3M 20529	Checkers (Green/Red)	1
MM 3M 20544	Dove (Brown)	1
MM 3M 20583	Ebony	1
MM 3M 20559	Slate (Gray)	1
3' x 10'		
MM 3M 23421	Blueberry	1
MM 3M 23419	Burgundy	1
MM 3M 20531	Checkers (Green/Red)	1
MM 3M 20546	Dove (Brown)	1
MM 3M 20585	Ebony	1
MM 3M 20561	Slate (Gray)	1
MM 3M 23420	Spruce	1
4' x 6'		
MM 3M 23432	Blueberry	1
MM 3M 23431	Burgundy	1
MM 3M 20530	Checkers (Green/Red)	1
MM 3M 20545	Dove (Brown)	1
MM 3M 20584	Ebony	1
MM 3M 20560	Slate (Gray)	1
MM 3M 23430	Spruce	1
4' x 8'		
MM 3M 20550	Dove (Brown)	1
MM 3M 20565	Slate (Gray)	1
MM 3M 20589	Ebony	1
MM 3M 23433	Blueberry	1
MM 3M 23434	Burgundy	1
4' x 10'		
MM 3M 23438	Blueberry	1
MM 3M 23437	Burgundy	1
MM 3M 20536	Checkers (Green/Red)	1
MM 3M 20551	Dove (Brown)	1
MM 3M 20590	Ebony	1
MM 3M 20566	Slate (Gray)	1
MM 3M 23436	Spruce	1
6' x 10'		
MM 3M 23387	Blueberry	1
MM 3M 23449	Burgundy	1
MM 3M 20540	Checkers (Green/Red)	1
MM 3M 20555	Dove (Brown)	1
MM 3M 20594	Ebony	1
MM 3M 20570	Slate (Gray)	1
MM 3M 23448	Spruce	1

FLOOR AND DECK MATTING

3M™ MATTING SEAMING TAPE KIT

Kit consists of: 10 foot vinyl and 1 tube adhesive.

Part Number	Color	Kits/Case
MM 3M 08148	Brown	10

3M™ MATTING SEAMING TAPE

Part Number	Color	Roll Size	Rolls/Case
MM 3M 09457	Brown	100 ft.	5

3M™ EDGING ADHESIVE

Part Number	Size	Tubes/Case
MM 3M 08554	3 oz. Tube	12

3M™ SCOTCHLITE™ AND DIAMOND GRADE REFLECTIVE PRODUCTS

3M™ SCOTCHLITE™ REFLECTIVE SAFETY TAPE

Composed of a highly flexible, durable, adhesive coated sheeting designed for areas that require bright night-time light reflectivity needed to increase safety. Examples include: trailers, driveways, mailboxes, bicycles, farm equipment, RVs and watercraft. In addition, they can be used at the marina or boat docking location to increase awareness and safety. For best results the surfaces should be smooth and clean. The tape will work on metal, glass, fiberglass, wood, and painted surfaces. NOTE: FOR LIFE SAVING EQUIPMENT SUCH AS LIFE VESTS, JACKETS, LIFERINGS, LIFEFLOATS, LIFEBOATS, AND LIFERAFTS, 3M™ SCOTCHLITE™ REFLECTIVE SHEETING HIGH INTENSITY SOLAS GRADE SERIES 3150A IS RECOMMENDED.

Part Number	Color	Size	Packs/Case
MM 3M 03455	Silver	1" x 36"	24
MM 3M 03458	Red	1" x 36"	24
MM 3M 03456	Silver	2" x 36"	24
MM 3M 03459	Red	2" x 36"	24
MM 3M 03460	Kit/Red	4" x 4.75"	24

3M™ HIGH INTENSITY SOLAS GRADE SCOTCHLITE™ REFLECTIVE SHEETING 3150A

3M™ High Intensity SOLAS (Safety Of Life At Sea) Grade Scotchlite™ Reflective Sheeting 3150A is a flexible, encapsulated lens, highly-reflective material, precoated with an improved aggressive pressure-sensitive adhesive. The sheeting remains highly reflective when totally wet as well as when viewed at wide entrance angles. The reflective sheeting is designed for nighttime visibility of life support equipment. It conforms well for application on flexible or rigid substrates used in life support equipment (life rafts, jackets, vests, etc). The sheeting has been successfully applied to most nylon, cotton, rubber and laminated or coated combinations of these materials normally used in the manufacture of life support equipment. Material is Coast Guard and IMO Certified.

Part Number	Size	Rolls/Case
MM 3M 88619*	50.8mm x 50m	1
MM 3M 88622**	76.2mm x 50m	4
MM 3M 88624***	101.6mm x 50m	3

* Metric Replacement for PN67119
** Metric Replacement for PN67480
*** Metric Replacement for PN67479

3M™ DIAMOND GRADE CONSPICUITY SHEETING SERIES 983

Responds to the need for improved safety with 2" wide rolls of an alternating red and white reflective tape. Excellent for boats, trailers, docks, etc. Easy to apply, highly reflective.

Part Number	Color	Size	Packs/Case
MM 3M 67533	Red 11", White 7"	2" x 150'	1
MM 3M 67535	Red 6", White 6"	2" x 150'	1
MM 3M 67537	White	2" x 150'	1
MM 3M 67885	Yellow	2" x 150'	24

3M™ DIAMOND GRADE HIGH VISIBILITY REFLECTIVE SAFETY STRIPS

A highly reflective prismatic sheeting that is backed with a pressure-sensitive adhesive and clear poly liner. Applied to properly prepared substrates, Diamond Grade sheeting should provide seven-year field performance. The 18" strips incorporate an 11" red/7" white pattern. The 12" strips have a 6" red/6" white configuration. These strips are easy to apply and have durable presealed edges. They are non-metallic to prevent corrosion. Uses include boat trailers, docks, watercraft, ATVs, and snowmobiles. Approved and certified for the Department of Transportation.

Part Number	Color	Size	Packs/Case
MM 3M 03461	Alt. Red/White	2" x 18" (2 Strips)	24
MM 3M 03462	Alt. Red/White	2" x 18" (4 Strips)	24
MM 3M 03463	Alt. Red/White	2" x 12" (2 Strips)	24
MM 3M 03464	Alt. Red/White	2" x 12" (4 Strips)	24

3M™ PHOTOLUMINSCENT FILM 6900

The ideal interior safety, emergency exit, and evacuation marking for ships, passenger vessels, airplanes, trains, and buildings. This new luminous film meets and exceeds specification ASTM 2072 for luminosity.
Luminous film 6900 may be used to mark exits, doorways, stairways, hatchways, floors and ceilings — any surface that needs to direct or inform people during emergency or lights-out conditions. Luminous film 6900 is easy to apply and is warranted for 7 years.

Part Number	Roll Size	Rolls/Case
MM 3M 27725	1" x 10 yds.	6
MM 3M 27726	2" x 10 yds.	3
MM 3M 27727	3" x 10 yds.	2

3M™ MARINE SOLAS GRADE SCOTCHLITE™ REFLECTIVE MATERIAL

3M™ Marine Scotchlite™ SOLAS (Safety Of Life At Sea) Grade High Intensity Reflective Material is a flexible, encapsulated lens, high-reflective material, precoated with an improved aggressive pressure-sensitive adhesive. The sheeting remains highly reflective when totally wet as well as when viewed at wide entrance angles. The reflective sheeting is designed for nighttime visibility of life support equipment. It conforms well for application on flexible or rigid substrates used in life support equipment (life rafts, jackets, vests, etc.). The sheeting has been successfully applied to most nylon, cotton, rubber and laminated or coated combinations of these materials normally used in the manufacture of life support equipment. Material is Coast Guard and IMO Certified. Retail packaged.

Part Number	Description	Packs/Case
MM 3M 27725	1" x 10 yds.	6

3M™ VANGARD™ LENSES

3M™ VANGARD™ LENSES

Wide-angle window lenses reduce the chance of squeeze accidents caused by blind spots. Excellent for use when towing trailered boats. Made of thin flexible plastic, these lenses provide an extreme wide angle view. Obstacles can be seen, right down to the pavement; areas rear view mirrors miss. 3M™ Vangard™ Lenses are easily applied and removed by hand using water only and they won't damage the glass.

Part Number	Description	Roll Size	Rolls/Case
MM 3M 07950	3M™ Vangard™ Lenses	8" x 10"	12
MM 3M 07951	3M™ Super Vangard™ Lenses	11" x 14"	12
MM 3M 07952	3M™ Vangard™ 2 Lenses	6" x 8"	12

ELECTRICAL PRODUCTS

SCOTCH® SUPER 33 PLUS VINYL PLASTIC ELECTRICAL TAPE

A professional grade all-weather tape; has excellent resistance to flame, abrasion, moisture, alkalies, solvents, oil and many acids. Gives full electrical and mechanical protection. 7-mil.

Part Number	Size	Rolls/Box	Boxes/Case
MM 3M 06130	3/4" x 20'	10	10
MM 3M 10075	3/4" x 44'	10	10
MM 3M 06132	3/4" x 66'	10	10
MM 3M 06133	3/4" x 52'	10	10
MM 3M 10216	3/4" x 66' D	10	10

D = Cutter Dispenser

SCOTCH® 35 VINYL ELECTRICAL TAPE — FOR COLOR CODING

This tape is the electrician's safety tool in a roll. Use it for phase identification, marking of motor leads and piping systems and for outlining safety areas. It is available in assorted colors. Also used as a rigging tape.

Part Number	Color	Size	Boxes/Case
MM 3M 10810	Red	3/4" x 66'	10
MM 3M 10828	White	3/4" x 66'	10
MM 3M 10836	Blue	3/4" x 66'	10
MM 3M 10851	Green	3/4" x 66'	10

SCOTCH® SUPER 88 VINYL PLASTIC TAPE

An 8.5-mil vinyl tape recommended for cold weather applications when conventional plastic tapes become brittle and stiff. Extra thickness provides increased abrasion resistance. U.L. listed.

Part Number	Size	Rolls/Box	Boxes/Case
MM 3M 10307	3/4" x 44'	10	10
MM 3M 06143	3/4" x 66'	10	10

HIGHLAND™ VINYL ELECTRICAL TAPE

A commercial grade tape that is 7 mils thick, tough and stretchy. Each roll cellophane wrapped. U.L. listed.
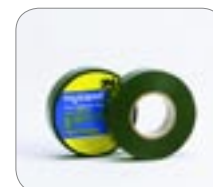
Part Number	Size	Rolls/Sleeve	Boxes/Sleeves
MM 3M 16720	3/4" x 66'	10	10

TEMFLEX™ 1700 VINYL ELECTRIC TAPE

Economy grade tape that is 7 mils thick.

Part Number	Size	Rolls/Sleeve	Boxes/Sleeves
MM 3M 49700	3/4" x 66'	10	10
MM 3M 49571	3/4" x 66'	10	10

SCOTCH® 2200 VINYL MASTIC PADS

Self-fusing, rubber-based insulating compounds laminated to a flexible, all-weather grade PVC backing. Pads are resistant to abrasion, moisture, alkalies, acid, copper corrosion, ultraviolet (U.V.) and varying weather conditions. Another option for insulating wire connections against moisture and corrosion.

Part Number	Size	Pads/Box	Pads/Case
MM 3M 11008	3-1/4" x 4-1/2"	10	50
MM 3M 21296	6-1/2" x 4-1/2"	10	50

SCOTCH® 2210 VINYL MASTIC ROLLS

Self-fusing, rubber-based insulating compounds laminated to a flexible, all-weather grade PVC backing. Rolls are resistant to abrasion, moisture, alkalies, acid, copper corrosion, ultraviolet (U.V.) and varying weather conditions. Another option for insulating wire connections against moisture and corrosion.

Part Number	Size	Rolls/Box	Boxes/Case
MM 3M 11222	4" x 10'	1	10

SCOTCH® 2242 LINERLESS SPLICING COMPOUND

Designed to offer the ultimate in protection of electrical wiring and connectors from shorts and failures caused by moisture and corrosion. It is self-bonding, moisture resistant, weather resistant – will not crack or embrittle in ultraviolet light or cold temperature.

Part Number	Size	Rolls/Case
MM 3M 06165	3/4" x 15'	24

SCOTCH® 2228 RUBBER MASTIC TAPE

Made of a self-fusing, rubber-based insulating compound. Scotch® 2228 is laminated to an Ethylene Propylene Rubber (EPR) backing that offers moisture resistance and an ability to easily stretch the tape.

Part Number	Thickness	Roll Size	Rolls/Case
MM 3M 50727	65mils	1" x 10'	12
MM 3M 09656	65mils	2" x 10'	10

3M™ SCOTCHCODE™ WIRE MARKER TAPE DISPENSER

Provides a fast, convenient system for marking wire, cable, or vacuum hoses. Using the special end loop, it can be hooked on belt or tool pouch. The small size also makes it easy to carry in a pocket or tool box – always at hand. The 10 refillable compartments allow you to choose the exact number or color combinations you need. Numbered dispenser filled with numbers 0 thru 9, colored dispenser filled with assorted colors.

Part Number	Description	Each/Case
MM 3M 49518	Filled Number Dispenser	10
MM 3M 49517	Filled Color Coded Dispenser	10
MM 3M 49519	Empty Dispenser (Either Color or Numbers)	10

3M™ SCOTCHLOK™ TH-450 SCISSORS STYLE CRIMPING TOOL

3M's most versatile and heavy-duty tool. Made of high-strength-heat-treated carbon steel, the TH-450 is lightweight without sacrificing strength. It handles a variety of terminal and conductor styles, including flags, closed-end connectors, crimp sleeves and standard parts, both insulated and non-insulated. With a range of 26 – 6 AWG wire size, connections are U.L. approved when the crimping process is completed and the tool releases.

Part Number	Wire Range	Tools/Case
MM 3M 49518	26 – 6	10

3M™ SCOTCHCODE™ WIRE MARKER TAPE

This tape is a 5.5-mil reinforced, flame-retardant epoxy film tape with an acrylic, high tack pressure-sensitive adhesive. Tape resists abrasion, oil and water and adheres to clean neoprene, Hypalon®, nylons and PVC insulation materials. Non-smear identification for all marking jobs. Available in numbers 0 thru 9 and the 10 assorted colors listed below.

Part Number	Description	Packs/Case
Numbers		
MM 3M 09368	0 thru 9	1

Part Number	Description	Rolls/Case
MM 3M 09369	0	10
MM 3M 09370	1	10
MM 3M 09371	2	10
MM 3M 09372	3	10
MM 3M 09373	4	10
MM 3M 09374	5	10
MM 3M 09375	6	10
MM 3M 09376	7	10
MM 3M 09377	8	10
MM 3M 09378	9	10

Part Number	Description	Packs/Case
Colors		
MM 3M 09404	Assortment	1

Part Number	Description	Rolls/Case
MM 3M 09423	Black	10
MM 3M 09424	Blue	10
MM 3M 09425	Brown	10
MM 3M 09426	Green	10
MM 3M 09427	Gray	10
MM 3M 09428	Orange	10
MM 3M 09429	Red	10
MM 3M 09430	White	10
MM 3M 09431	Yellow	10
MM 3M 09458	Violet	10

Hypalon® is a registered trademark of DuPont Dow Elastomers.

3M™ EPS-300 HEAT SHRINK TUBING

Oil protection for electronic components, wire splices, wire bundles, and harness breakouts. 3M™ EPS-300 is a superb insulator that also functions as a strain relief and an environmental seal.

Part Number	Color	Size	Pieces/ Box	Boxes/ Case
MM 3M 36875	Black	3/16" x 4'	10	1
MM 3M 36876	Black	1/4" x 4'	10	1
MM 3M 36877	Black	3/8" x 4'	10	1
MM 3M 36878	Black	1/2" x 4'	10	1
MM 3M 36879	Black	3/4" x 4'	5	1
MM 3M 36880	Black	1" x 4'	5	1
MM 3M 36881	Black	1-1/2" x 4'	5	1

3M™ EPS-300 HEAT SHRINK TUBING KIT

An assortment of adhesive-lined, flexible, polyolefin heat shrink tubing. Each box is 7" x 11" x 2-$\frac{1}{2}$" of rugged translucent plastic with product and installation information on the cover. Refill packs are available for the individual components. The kit contains 42 pieces (6" lengths) that are listed by expanded diameter:

Part Number	Kit Contents	Pieces/ Kit	Kits/ Case
MM 3M 38444	1/2" (12.70mm), 12 pieces, Red 1/2" (12.70mm), 12 pieces, Black 3/4" (19.05mm), 6 pieces, Red 3/4" (19.05mm), 6 pieces, Black 1" (25.40mm), 3 pieces, Red 1" (25.40mm), 3 pieces, Black	42	5

3M™ KYNAR® HEAT SHRINK TUBING

A higher performance tubing good for engine compartment applications. This tubing has outstanding abrasion resistance, is inherently flame retardant and highly resistant to most industrial fuels, chemicals and solvents. The shrink ratio is 2:1 and the color is clear.

Part Number	Color	Size	Pieces/ Box	Boxes/ Case
MM 3M 36886	Clear	3/64" x 4'	25	1
MM 3M 36887	Clear	1/16" x 4'	25	1
MM 3M 36888	Clear	3/32" x 4'	25	1
MM 3M 36889	Clear	1/8" x 4'	25	1
MM 3M 36890	Clear	3/16" x 4'	12	1
MM 3M 36891	Clear	1/4" x 4'	12	1
MM 3M 36892	Clear	3/8" x 4'	12	1
MM 3M 36893	Clear	1/2" x 4'	5	1
MM 3M 36894	Clear	3/4" x 4'	5	1

Kynar® is a registered trademark of Elf Atochem North America, Inc.

3M™ FP301 HEAT SHRINK TUBING REFILL PACKS

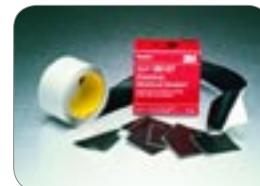| Part Number	Refill Pack Contents	Packs/ Case
MM 3M 36618	3/32" (2.36mm) 35 pieces, 7 color	10
MM 3M 36619	1/8" (3.18mm) 28 pieces, 7 colors	10
MM 3M 36620	3/16" (4.75mm) 21 pieces, 7 colors	10
MM 3M 36621	1/4" (6.35mm) 21 pieces, 7 colors	10
MM 3M 36622	3/8" (9.53mm) 14 pieces, 7 colors	10
MM 3M 36623	1/2" (12.70mm) 14 pieces, 7 colors	10

3M™ COLD SHRINK TUBING 8420 & 8430 SERIES —
EPDM RUBBER 8440 SERIES —
SILICONE RUBBER

An open-ended rubber sleeves which are factory expanded and assembled onto removable plastic cores. The core is removed after the tube has been positioned for installation over an inline connection, coupling cable or termination, allowing the tube to shrink and form a water-resistant seal. With 3M™ Cold Shrink Tubing you get a water-resistant seal without heat, torches or adhesives. Simply unwind the core to install, it's that simple.

Part Number	Catalog Number	Insulation Range	Tube Length	Each/ Case
Connector Insulators (EPDM)				
MM 3M 42146	8423-6	.31 – .56	6"	10
MM 3M 42390	8424-8	.10 – .82	8"	10
MM 3M 42391	8425-8	.40 – .82	8"	10
MM 3M 34457	8426-9	.55 – 1.18	9"	10
MM 3M 34458	8426-11	.55 – 1.18	11"	10
MM 3M 09915	8427-6	.67 – 1.38	6"	10
MM 3M 34459	8427-12	.67 – 1.38	12"	10
MM 3M 34460	8427-16	.67 – 1.38	16"	10
MM 3M 09916	8427-6	.95 – 1.94	6"	10
MM 3M 09056	8428-12	.95 – 1.94	12"	10
MM 3M 34461	8428-18	.95 – 1.94	18"	10
MM 3M 00917	8429-6	1.27 – 2.67	6"	10
MM 3M 09931	8429-9	1.27 – 2.67	9"	10
MM 3M 42389	8429-12	1.27 – 2.67	12"	10
MM 3M 34462	8429-18	1.27 – 2.67	18"	10
MM 3M 42147	8430-9	1.68 – 3.69	9"	10
MM 3M 42388	8430-18	1.68 – 3.69	18"	10
Silicone Insulators				
MM 3M 09485	8443-2	.31 – .56	2"	12
MM 3M 09482	8443-6.5	.10 – .82	6.5"	12
MM 3M 09486	8445-2.5	.40 – .82	2.5"	12
MM 3M 09483	8445-7.5	.55 – 1.18	7.5"	12
MM 3M 09487	8447-3.2	.55 – 1.18	3.2"	12
MM 3M 09484	8447-8	.67 – 1.38	8"	12

SCOTCH® ELECTRICAL MOISTURE SEALANT COMPOUND

Provides a quick and easy method of moisture proofing electrical connections. The master forms a moisture tight seal around connections and the tough elastic vinyl backing provides additional protection against vibration. Also can be used for wire repair, sealing lights and protecting terminal blocks. Designed for moisture sealing of electrical connections up to 600 volts.
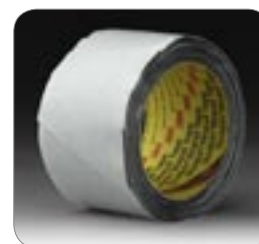
Part Number	Size	Pieces/Box	Boxes/ Box
MM 3M 06147	2-1/2" x 10 ft.	1	10

SCOTCH® ELECTRICAL MOISTURE SEALANT PADS

Now available in 2-1/2" x 2-1/2" patches. These patches can be used in place of tape to give connections all season/ all weather protection and applies in less time. The tough vinyl backing prevents abrasion and protects against all common marine elements. In addition to providing a moisture-proof barrier for connections, these patches can be used for wire repair, sealing lights and protecting terminal blocks. Designed for moisture sealing of electrical connections up to 600 volts.

Part Number	Size	Pieces/Box	Boxes/ Box
MM 3M 06149	2-1/2" x 2-1/2"	25	10

3M™ SCOTCHKOTE™ ELECTRICAL COATING

This fast-drying coating provides extra protection to splices where moisture, oil and corrosive conditions can cause problems. Helps prevent cable and connector damage due to corrosive vapors from battery outgassing.'

Part Number	Container Size	Cans/Case
MM 3M 14853	15 fl. oz. Can	10

3M™ SCOTCHLOK™ BULLET RECEPTACLE CONNECTOR

Designed to allow quick connect, quick disconnect of the electrical system. This connector attaches quickly and easily with no wire stripping to any 14, 16 or 18 gauge copper wire operating at 48 volts or below. With no special tools except a pair of pliers the receptacle connector attaches to the wiring and connects to most standard bullet connectors. Mates with 3M™ Scotchlok™ Snap Plug (Bullet) Terminal (PN06108) and all standard .157" bullet terminals.

Part Number	Connector Number	Connectors/ Box	Boxes/ Case
MM 3M 06106	901	50	10

3M™ SCOTCHLOK™ SNAP PLUG (BULLET) TERMINAL

A vinyl insulated bullet terminal which can be permanently attached to any 14,16 gauge copper wire. This male snap plug is designed to be mated with our type 901 3M™ Scotchlok™ Bullet Receptacle Connector (PN06106).

Part Number	Connector Number	Connectors/ Box	Boxes/ Case
MM 3M 06108	C-41-1101	100	500
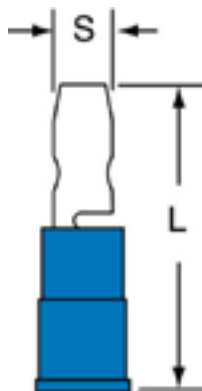
3M™ SCOTCHLOK™ 314 ELECTRICAL CONNECTOR

Connectors contain a special compound inside the connector to protect against corrosion in damp conditions. Handles 22-14 AWG solid or stranded wire. Wires are held with a double "U" element to provide a much stronger connection while reducing electrical resistance.

Part Number	Connectors/Box	Boxes/Case
Boxed		
MM 3M 09230	50	10
Part Number	Connectors/Box	Bags/Case
Bulk		
MM 3M 09231	1000	1

3M™ SCOTCHLOK™ INSTANT ELECTRIC CONNECTORS

Connectors make inline, pigtail and tap splices on solid or standard wire with no stripping. With a standard pair of pliers any wiring job can be installed easier and faster.

3M™ SCOTCHLOK™ 804 INSTANT MOISTURE RESISTANT AUTO-ELECTRIC CONNECTORS

Connectors make inline, pigtail and tap splices on solid or stranded wire with no wire cutting or stripping. With a standard pair of pliers any boat or trailer wiring job can be installed faster and easier with less training than any method previously used. The 804 Connector is listed by Underwriters Laboratories. Wire range Tap-run is 14 to 14, 16 to 16 and 18 to 18. Color: Blue.

Part Number	Connector Number	Color	Wire Range Tap Run
MM 3M 06118	564	White	14 14 16 to 16 18 18
MM 3M 06119	902*	Brown	12 10 16 to 12 18
MM 3M 06120			
MM 3M 06122	903*	Yellow	10 10 12 to 12
MM 3M 06123			
MM 3M 06126	801*	Blue	14 14 16 to 16 18 18
MM 3M 06127			
MM 3M 06128	905*	Red	14 18 to 16 22 18
MM 3M 06129			

* These connectors are listed by Underwriter's Laboratory.

Part Number	Connector Number	Connectors /Box	Boxes/Case
Boxed			
MM 3M 06119	902	50	10
MM 3M 06122	903	50	10
MM 3M 06126	801	50	10
MM 3M 06128	905	50	10

Part Number	Connector Number	Connectors/ Bag	Connectors /Case
Bulk			
MM 3M 06118	564	500	5000
MM 3M 06120	902	1000	1000
MM 3M 06123	903	1000	1000
MM 3M 06127	801	500	5000
MM 3M 06129	905	500	5000

Part Number	Connectors/Box	Boxes/Case
Boxed		
MM 3M 06134	25	10

Part Number	Connectors/Box	Bags/Case
Bulk		
MM 3M 06135	500	10

3M™ EMPTY SCOTCHLOK™ TERMINAL BOXES

The empty 3M™ Scotchlok™ terminal box is a red metal 17 slot or 24 slot box to hold your 3M™ Scotchlok™ Terminals.
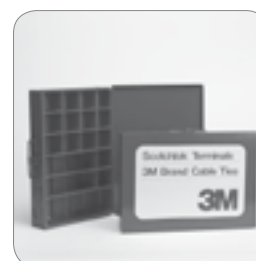
Part Number	Dimensions	Slots	Each/Case
MM 3M 11900	13.5" x 9.5" x 2"	17 Slot	6
MM 3M 16161	18" x 12" x 3"	24 Slot	1

3M™ SCOTCHLOK™ ELECTRICAL CONNECTORS

For sure, quick easy splicing of solid or stranded wires. Packed 10 boxes per case.

Part Number	Type	Wire Range	Connectors /Box	Connectors /Case
MM 3M 20041	"Y"	18 – 12	100	1000
MM 3M 20058	"R"	16 – 10	100	1000
MM 3M 42033	"B"	12 – 6	50	1000
MM 3M 21346	"G"	14 – 8	100	1000

3M™ SCOTCHLOK™ #558 SELF-STRIPPING ELECTRICAL TAP CONNECTORS

Connector is specially designed for small wire gauges. This U.L. listed connector permits fast and effective tap wire connections on 22-16 gauge standard or solid wire.

| Part Number	Connectors/Box	Boxes/Case
Boxed		
MM 3M 14861	100	10
Part Number	Connectors/Box	Bags/Case
Bulk		
MM 3M 14879	500	10

3M™ SCOTCHLOK™ FUSE HOLDER

An inline fuse holder, designed to accommodate blade-type fuses. The fuse holder incorporates our patented self-stripping connector concept which simplifies installation by eliminating the need for supplemental connectors, thus reducing installation costs.

Part Number	Product Number	Holders/ Box	Boxes/ Case
Boxed			
MM 3M 06171	972	25	10
Part Number	Connectors/Box		Bags/Case
Bulk			
MM 3M 09231	1000		1

3M™ SCOTCHLOK™ DELUXE TERMINAL ASSORTMENT KIT
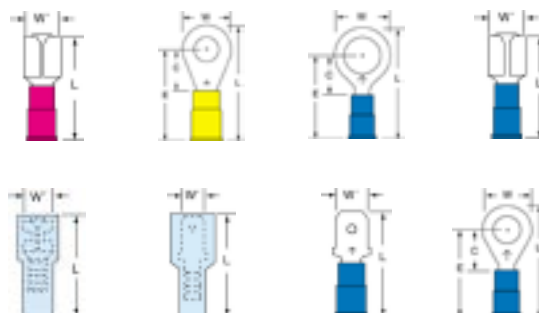
A 24 compartment red and white metal box imprinted with "3M Scotchlok Terminals." The compartments will contain 737 of the 24 most popular insulated terminals as follows:

Part Number	Type	Number of Pieces
MM 3M 11914	Ring	10
11915	Ring	10
11921	Ring	30
11922	Ring	50
11923	Ring	30
11924	Ring	20
11932	Ring	20
11934	Ring	20
11935	Ring	70
11920	Butt	50
11928	Butt	100
11939	Butt	50
11926	Fork	10
11927	Fork	20
11918	Fork	10
06126	Tap	27
22997	Male Q/Slide	50
22880	Female Q/Slide	100
06152	F/I Male Q/Slide	10
11960	F/I Female Q/Slide	10
11822	Male Q/Slide	10
11820	Female Q/Slide	10
11919	Fork	10
11913	Ring	10

Part Number	Each/Case
MM 3M 06160	1

3M™ SCOTCHLOK™ BOXED TERMINALS

A   B   E   F

H   J   M   O

Q   S   W   O
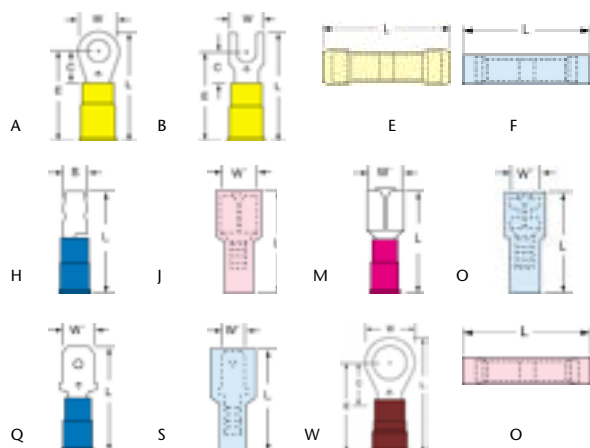
3M™ Scotchlok™ Boxed Terminals (cont.)

Part Number	Type	Wire Range	Stud Size	Each/ Box	Boxes/ Case	Ref. No.
RING						
MM 3M 11913	V	22 – 18	6	100	5	A
MM 3M 11914	V	22 – 18	10	100	5	A
MM 3M 11915	V	22 – 18	1/4"	100	5	A
MM 3M 11921	V	16 – 14	6	100	5	A
MM 3M 11922	V	16 – 14	10	100	5	A
MM 3M 11923	V	16 – 14	1/4"	100	5	A
MM 3M 11924	V	16 – 14	3/8"	100	5	A
MM 3M 11932	V	12 – 10	10	50	10	A
MM 3M 11934	V	12 – 10	1/4"	50	10	A
MM 3M 11935	V	12 – 10	3/8"	50	10	A
MM 3M 11936	V	12 – 10	1/2"	50	10	A
MM 3M 11940	V	8	3/8"	25	10	A
MM 3M 11943	V	6	1/2"	20	10	A
MM 3M 15625	V	8	1/4"	25	10	A
MM 3M 15660	V	6	1/4"	20	10	A
Block Spade						
MM 3M 11918	V	22 – 18	6	100	5	C
MM 3M 11919	V	22 – 18	10	100	5	C
MM 3M 11926	V	16 – 14	6	100	5	C
MM 3M 11927	V	16 – 14	10	100	5	C
MM 3M 11937	V	12 – 10	6	50	5	C
MM 3M 11938	V	12 – 10	10	50	10	C
Butt						
MM 3M 11920	V	22 – 18	-	100	5	E
MM 3M 11928	V	16 – 14	-	100	5	E
MM 3M 11939	V	12 – 10	-	50	10	E
MM 3M 15678	V	8	-	25	10	E
MM 3M 22203	N – G	22 – 18	-	100	5	F
MM 3M 22211	Butt	SN	22–18	100	5	F
MM 3M 23128	N – G	16 – 14	-	100	5	F
MM 3M 23136	Butt	SN	16–14	100	5	F
MM 3M 24035	N – G	12 – 10	-	50	10	F
MM 3M 24043	Butt	SN	12–10	50	10	F
Bullet (Grease Filled)						
MM 3M 23094	V	16 – 14	-	100	5	H
Closed End						
MM 3M 16732	N	22 – 18	-	100	10	X
MM 3M 16734	N	18 – 10	-	50	10	X

Part Number	Type	Wire Range	Stud Size	Each/ Box	Boxes/ Case	Ref. No.
T-Tap						
MM 3M 06141	N	22 – 18	-	50	10	W
MM 3M 06144	N	16 – 14	-	50	10	W
MM 3M 06145	N	12 – 10	-	50	10	W
Quick Slide (Fully Insulated)						
MM 3M 06152	N	16 – 14	-	100	5	S
MM 3M 06153	N	12 – 10	-	50	10	S
MM 3M 06154	N	22 – 18	-	100	5	S
MM 3M 11959	N	22 – 18	-	100	5	O
MM 3M 11960	N	16 – 14	-	100	5	O
MM 3M 09991	N	12 – 10	-	50	10	O
Assortment						
MM 3M 11000	-	-	-	1	5	-
Bullet Receptacle						
MM 3M 11929	N	16 – 14	-	100	5	J
MM 3M 11930	N	16 – 14	-	100	10	J
Quick Slide						
MM 3M 11820	V	22 – 18	-	100	5	M
MM 3M 11822	V	22 – 18	-	100	5	Q
MM 3M 22880	V	16 – 14	-	100	5	M
MM 3M 22997	V	16 – 14	-	100	5	Q
MM 3M 09998	V	12 – 10	-	50	10	M
MM 3M 23290	V	12 – 10	-	50	10	Q

3M

3M™ BLACK ALL-WEATHER RESISTANT CABLE TIES

These ties have been manufactured with a special weather resistant formula that make them ideal for outdoor applications; they resist deterioration from the sun's ultra-violet light and as a result last far longer than natural colored nylon ties and many other black colored cable ties.

3M™ CABLE TIES

These ties resist flame, solvent, alkalies and grease. Available in lengths 3-3/4" through 15-5/8", in miniature, intermediate, standard and mounting type configurations. One piece nylon construction, single pawl with double-locking teeth holds without slipping.

Part Number	Style	Length	Ties/ Bag	Ties/ Case
Bag				
MM 3M 06200	Miniature	3-3/4"	100	1,000
MM 3M 06201	Intermediate	5-7/8"	100	1,000
MM 3M 06202	Standard	7-5/16"	100	1,000
MM 3M 06203	Standard	12"	100	1,000
MM 3M 06204	Standard	15"	100	500
MM 3M 06205	Mounting	8-5/16"	100	1,000
MM 3M 06207	Heavy Duty	15"	100	500
Bulk				
MM 3M 06270	Miniature	3-3/4"	1,000	10,000
MM 3M 06271	Intermediate	5-7/8"	1,000	10,000
MM 3M 06272	Standard	7-5/16"	1,000	10,000
MM 3M 06273	Standard	12"	1,000	10,000
MM 3M 06274	Standard	15"	500	25,000
MM 3M 06275	Mounting	8-5/16"	1,000	10,000
MM 3M 06277	Heavy Duty	15"	500	2,500

Part Number	Style	Length	Ties/ Bag	Ties/ Case
Bag				
MM 3M 06224	Miniature	3-3/4"	100	1,000
MM 3M 06225	Intermediate	5-7/8"	100	1,000
MM 3M 06226	Standard	7-5/16"	100	1,000
MM 3M 06227	Standard	12"	100	1,000
MM 3M 06228	Standard	15"	100	500
MM 3M 06232	Mounting #10 Stud	8-5/16"	100	1,000
MM 3M 06234	Mounting #10 Stud	15-7/16"	50	500
MM 3M 06243	Heavy Duty Mounting	15-5/8"	100	1,000
Bulk				
MM 3M 06248	Miniature	3-3/4"	1,000	10,000
MM 3M 06249	Intermediate	5-7/8"	1,000	10,000
MM 3M 06250	Standard	7-5/16"	1,000	10,000
MM 3M 06251	Standard	12"	1,000	10,000
MM 3M 06252	Standard	15"	500	25,000
MM 3M 06256	Mounting #10 Stud	8-5/16"	1,000	10,000
MM 3M 06258	Mounting #10 Stud	15-7/16"	500	2,500
MM 3M 06264	Heavy Duty	15"	500	2,500
MM 3M 06267	Heavy Duty Mounting	15-5/8"	500	2,500

3M™ BLACK ALL-WEATHER RESISTANT CABLE TIES — HEAVY DUTY

This heavy duty black cable tie is long lasting. Its special weather resistant formula effectively resists the deterioration from the suns ultraviolet (U.V.) rays.

Part Number	Length	Ties/Bag	Bags/Case
MM 3M 06208	32"	50	10

3M™ BLACK ALL-WEATHER RESISTANT CABLE TIES — EXTRA HEAVY DUTY

This extra heavy duty cable tie is designed for the most demanding situations. Its 34" length and 175 lbs./inch tensile strength insures long lasting cable retention. This black tie resists weathering and the effects of ultraviolet (U.V.) light.

Part Number	Length	Ties/Bag	Bags/Case
MM 3M 06209	34"	50	10

3M™ 100 HOOK-AND-LOOP FASTENER

Incorporate flexibility, a thin profile, and superior strength for a unique cable bundling, harnessing and wire fastening system. 3M's 100 fasteners secure quickly and easily, remain locked without slipping and can be re-used for maximum efficiency. These fasteners are ideal for use on cable and wire assemblies, fiber optic installations or bundling and wrapping of most items.

Part Number	Size	Description	Rolls/Case
MM 3M 53593	3/8" x 18 yds.	Uncut Roll	36
MM 3M 53594	1/2" x 18 yds.	Uncut Roll	36
MM 3M 53595	1" x 18 yds.	Uncut Roll	36
MM 3M 53596	3/8" – 6" perforations	100 Count Roll	36
MM 3M 53597	1/2" – 6" perforations	100 Count Roll	36
MM 3M 53598	1" – 6" perforations	100 Count Roll	36
MM 3M 53599	3/8" – 8" perforations	75 Count Roll	36
MM 3M 53600	1/2" – 8" perforations	75 Count Roll	36
MM 3M 53601	1" – 8" perforations	75 Count Roll	36

Part Number	Description	Dispensers/Case
MM 3M 53604	Hand Held Dispenser	12

3M™ CABLE TIE ASSORTMENT PACK

Use 3M™ Cable Ties with confidence when you secure wire bundles, harnesses and components. The flexible design allows you to slip ties easily under and around wires, cables and harnesses. The convenient assortment pack provides the customer with 100 ties of the most popular lengths.

Part Number	Ties/Bag	Bags/Case
MM 3M 06220	100	10

Description	Length	Quantity	Type
Miniature	4"	15 Ea.	Natural
Miniature	4"	10 Ea.	Weather Resistant Black
Intermediate	5"	15 Ea.	Natural
Intermediate	5"	10 Ea.	Weather Resistant Black
Standard	7.5"	15 Ea.	Natural
Standard	7.5"	10 Ea.	Weather Resistant Black
Standard	11"	15 Ea.	Natural
Standard	11"	10 Ea.	Weather Resistant Black

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RETAIL PACKAGED ELECTRICAL PRODUCTS

3M™ SCOTCHLOK™ ELECTRICAL CONNECTORS CARDED

Constructed of a "Live Spring" for strong, reliable wire contact which is enclosed in a crush-proof steel inner shell, then covered by a flexible PVC plastic that won't crack. Packed 10 cards per box; 5 boxes per case.

Part Number	Type	Wire Gauge	Connectors/Card
MM 3M 06110	"Y"	18 – 12	5
MM 3M 06111	"R"	16 – 10	4
MM 3M 06112	"G"	14 – 8	3

SCOTCH® SUPER 33 PLUS VINYL PLASTIC ELECTRICAL TAPE

An extremely conformable 7-mil high-performance tape that resists water, oils, acids and weather. Has insulation properties of both rubber and friction tapes. U.L. approved.

Part Number	Size	Rolls/Case
MM 3M 10414	3/4" x 450"	24
MM 3M 10455	3/4" x 350"	24

SCOTCH® COLD WEATHER ELECTRICAL TAPE

An economically priced tape. 7-mil thickness, tough and stretchy. Each roll cellophane wrapped. U.L. listed.

Part Number	Size	Rolls/Case
MM 3M 16736	3/4" x 300"	24

3M™ SCOTCHLOK™ TH-450 SCISSORS STYLE CRIMPING TOOL

3M's most versatile and heavy-duty tool. Made of high-strength-heat-treated carbon steel, the TH-450 is lightweight without sacrificing strength. It handles a variety of terminal and conductor styles, including flags, closed-end connectors, crimp sleeves and standard parts, both insulated and non-insulated. With a range of 26-6 AWG wire size, connections are U.L. approved when the crimping process is completed and the tool releases.

Part Number	Wire Range	Rolls/Case
MM 3M 13760	26 – 6	10

3M™ SCOTCHLOK™ TH-440 CRIMPING TOOL

A compact, high-quality tool designed to perform the six most common electrical wiring functions. Made of .125 inch heat-treated carbon steel for maximum durability, it handles a variety of terminal and connector styles, insulated and non-insulated, over a range of 22-10 AWG.

Part Number		Tools/Case
MM 3M 60825		10

3M™ SCOTCHPAD™ HANG TABS

3M™ SCOTCHPAD™ HANG TABS

1074   1075   1076

Made of clear, sturdy plastic and pressure-sensitive adhesive that will stick to most surfaces. They come on a convenient, self-sticking pad for easy manual application and portability. They are handy for hanging shrink-wrap packages as well as for in-store repair of damaged packaging, such as torn punches in chipboard header cards and plastic bags.

Part Number	Product Number	Description	Hang Tabs/ Pad	Pads/ Case
MM 3M 62013	1075	2" x 2" Delta Hole	10	500
MM 3M 62014	1076	2" x 2" Round Hole	10	500
MM 3M 62225	1074	1" x 2" Mini	10	1,000

EASY, FAST, RELIABLE

www.mansuetomarine.it

POST-IT® QUALITY FLAG

POST-IT® QUALITY FLAG

These flags offer an easy and quick method of identifying areas of concern on many work surfaces. Attention-getting colored flag (yellow with black lettering "QUALITY") that adheres to any surface without contamination. Dispenser holds the flags and offers an automatic pop-up feature. Dispenser size is 1" x 1.7".

WE STOCK IT!

www.mansuetomarine.it

Part Number	Flags/Dispenser	Dispensers/Case
MM 3M 71450	75	100

LAMINATING SYSTEMS

3M™ LAMINATING SYSTEM LS950

A heat-free way to finish documents up to 8-$\frac{1}{2}$" wide in one system! Laminate, for instant document protection; apply adhesive, for permanent self-stick labels and signs; or do both at once to create laminated, permanent labels in seconds.

Part Number	Product Number	Dispensers/Case
MM 3M 59151	LS950	1

3M™ DUAL LAMINATE REFILL CARTRIDGE DL951

For use with the 3M™ Laminating System LS950. Front and back side lamination. Great for presentations, 3-ring binder sheets, schedules and more. 2.5 mils thick, 8-$\frac{1}{2}$" wide x 100' long, approximately 100 8-$\frac{1}{2}$" x 11" applications.

Part Number	Product Number	Size	Each/Case
MM 3M 59152	DL951	100' x 8-1/2"	1

PAINT PREPARATION SYSTEMS

3M™ PAINT PREPARATION SYSTEM (PPS) MIXING STICKS

Specially sculpted edges to scrape all the paint from the liner wall and base to ensure accurate colour mix without damaging the PPS liner. Supplied in cartons of 25

GRADUATED MEASURE

Part Number	Description	Items/Unit
MM 3M 16022	PPS Mixing Sticks	25