

**3M**

..... **PRODUCTS**

Tapes / Terminals, Kits and Tools / Fastening Products / Wire Marking and Identifying  
/ Fire Protection Products / Heat Shrinkable Products / Terminations

# 3M PRODUCTS

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## Tapes

### Vinyl Electrical Tapes

Size : 3/4" X 66' (19mm X 20.1m)

| Color  | Mfr.Part             | SKU    |
|--|----------------------|--------|
| <b>Scotch® Vinyl Electrical Tape 35 for Color Coding</b> |                      |        |
| Blue   | 35-BLUE-3/4          | M43791 |
| Brown  | 35-BROWN-3/4         | M43792 |
| Green  | 35-GREEN 3/4 X 66FT  | M43793 |
| Gray   | 35-GRAY 3/4 X 66FT   | M43794 |
| Violet   | 35-VIOLET 3/4 X 66FT | M43795 |
| Red  | 35-RED-3/4           | M43796 |
| White  | 35-WHITE-3/4         | M43797 |
| Yellow   | 35-YELLOW-3/4        | M43798 |
| <b>Temflex™ Vinyl Electrical Tape 1700</b>               |                      |        |
| Black  | 1700-3/4X60FT        | M43782 |
| Blue   | 1700C-BLUE           | M43783 |
| Brown  | 1700C-BROWN          | M43784 |
| Green  | 1700C-GREEN          | M43785 |
| Gray   | 1700C-GRAY           | M43786 |
| Orange   | 1700C-ORANGE         | M43787 |
| Red  | 1700C-RED            | M43788 |
| White  | 1700C-WHITE          | M43789 |
| Yellow   | 1700C-YELLOW         | M43790 |



Upper one



Lower one

## Terminals, Kits and Tools

### Ring Tongues

| Wire Range  | Stud Size | Barrel Length | Terminals per carton | Mfr.Part  | SKU    |
|---|-----------|---------------|----------------------|-----------|--------|
| <b>3M™ Ring Tongues - Non-Insulated Brazed Seam 8 AWG</b> |           |               |                      |           |        |
| 8 AWG   | 1/4"      | 0.31"         | 25                   | M8-14R/SX | M45190 |
| 8 AWG   | 3/8"      | 0.31"         | 25                   | M8-38RX   | M45191 |
| <b>3M™ Ring Tongues - Non-Insulated Brazed Seam 6 AWG</b> |           |               |                      |           |        |
| 6 AWG   | 1/4"      | 0.39"         | 20                   | M6-14R/SX | M45188 |
| 6 AWG   | 3/8"      | 0.39"         | 20                   | M6-38RX   | M45189 |
| <b>3M™ Ring Tongues - Non-Insulated Brazed Seam 4 AWG</b> |           |               |                      |           |        |
| 4 AWG   | 1/4"      | 0.47"         | 20                   | M4-14RX   | M45186 |
| 4 AWG   | 3/8"      | 0.47"         | 20                   | M4-38RX   | M45187 |



6 AWG



4 AWG



No Image Available



8 AWG

### 3M™ Highland™ Bagged Terminals

| Wire Range  | Stud or Tab Size | Terminals/Bag | Bag/Case | Mfr.Part  | SKU    |
|---|------------------|---------------|----------|-----------|--------|
| <b>3M™ Highland™ Rings - Non-Insulated</b>          |                  |               |          |           |        |
| 12-10 AWG   | 10"              | 50            | 5        | R10-10L   | M45196 |
| <b>3M™ Highland™ Rings - Vinyl Insulated</b>        |                  |               |          |           |        |
| 12-10 AWG   | 6"               | 50            | 5        | RV10-6L   | M45200 |
| 12-10 AWG   | 8"               | 50            | 5        | RV10-8L   | M45201 |
| 12-10 AWG   | 1/4"             | 50            | 5        | RV10-14L  | M45198 |
| 12-10 AWG   | 8"               | 25            | 10       | RV10-8Q   | M45202 |
| 12-10 AWG   | 10"              | 25            | 10       | RV10-10Q  | M45197 |
| 12-10 AWG   | 1/4"             | 25            | 10       | RV10-14Q  | M45199 |
| 16-14 AWG   | 6"               | 50            | 10       | RV14-6L   | M45204 |
| 16-14 AWG   | 8"               | 50            | 10       | RV14-8L   | M45205 |
| 16-14 AWG   | 10"              | 50            | 10       | RV14-10L  | M45203 |
| 22-18 AWG   | 6"               | 50            | 10       | RV18-6L   | M45207 |
| 22-18 AWG   | 8"               | 50            | 10       | RV18-8L   | M45208 |
| 22-18 AWG   | 10"              | 50            | 10       | RV18-10L  | M45206 |
| <b>3M™ Highland Standard Forks- Vinyl Insulated</b> |                  |               |          |           |        |
| 16-14 AWG   | 6"               | 50            | 5        | FV14-6L   | M45184 |
| 16-14 AWG   | 8"               | 50            | 5        | FV14-8L   | M45185 |
| <b>3M™ Highland™ Block Forks - Vinyl Insulated</b>  |                  |               |          |           |        |
| 12-10 AWG   | 8"               | 25            | 10       | BFV10-8Q  | M45171 |
| 12-10 AWG   | 10"              | 25            | 10       | BFV10-10Q | M45170 |
| 16-14 AWG   | 10"              | 50            | 10       | BFV14-10L | M45172 |
| 22-18 AWG   | 6"               | 50            | 10       | BFV18-6L  | M45173 |
| 22-18 AWG   | 8"               | 50            | 10       | BFV18-8L  | M45174 |
| <b>3M™ Highland Butt Splices - Vinyl Insulated</b>  |                  |               |          |           |        |
| 12-10 AWG   | -                | 25            | 10       | BSV10Q    | M45175 |
| 16-14 AWG   | -                | 50            | 10       | BSV14L    | M45176 |
| 22-18 AWG   | -                | 50            | 10       | BSV18L    | M45177 |



RV



FV



No Image Available



R



BFV



BSV

# 3M PRODUCTS

## 3M™ Highland™ Bagged Terminals -Continued-

| Wire Range  | Stud or Tab Size | Terminals/Bag | Bag/Case | Mfr.Part   | SKU    |
|---|------------------|---------------|----------|------------|--------|
| <b>3M™ Highland™ Female Disconnects - Vinyl Insulated</b>       |                  |               |          |            |        |
| 12-10 AWG   | 0.250"           | 25            | 10       | FDV10-250Q | M45181 |
| 16-14 AWG   | 0.250"           | 50            | 10       | FDV14-250L | M45182 |
| 22-18 AWG   | 0.250"           | 50            | 10       | FDV18-250L | M45183 |
| <b>3M™ Highland™ Female Disconnects - Nylon Fully Insulated</b> |                  |               |          |            |        |
| 12-10 AWG   | 0.250"           | 25            | 10       | FDI10-250Q | M45178 |
| 16-14 AWG   | 0.187"           | 50            | 10       | FDI14-250L | M45179 |
| 22-18 AWG   | 0.250"           | 50            | 10       | FDI18-250L | M45180 |
| <b>3M™ Highland™ Male Tabs - Nylon Fully Insulated</b>          |                  |               |          |            |        |
| 16-14 AWG   | 0.250"           | 50            | 5        | MTI14-250L | M45192 |
| 22-18 AWG   | 0.250"           | 50            | 10       | MTI18-250L | M45193 |
| <b>3M™ Highland™ Male Tabs - Vinyl Insulated</b>                |                  |               |          |            |        |
| 12-10 AWG   | 0.250"           | 50            | 5        | MTV10-250L | M45194 |
| 22-18 AWG   | 0.250"           | 50            | 10       | MTV18-250L | M45195 |



## Fastening Products

### Cable Stackers

| - UF or NM Cable-Flat - |         | - UF or NM Cable-Round - |         | - Telephone, Signal, Cables, etc. - |        | Mfr.Part | SKU    |
|-------------------------|---------|--------------------------|---------|-------------------------------------|--------|----------|--------|
| Quantity                | Size    | Quantity                 | Size    | Quantity                            | Size   |          |        |
| 1-8                     | 14-2w/g | 1-2                      | 14-3w/g | 1-10                                | RG-59  | SI-1     | M45222 |
| 1-4                     | 12-2w/g | 1-2                      | 12-3w/g | 1-10                                | RG-8   |          |        |
| 1-4                     | 10-2w/g |                          |         | 1-12                                | Cat. 5 |          |        |
| 1-4                     | 14-3w/g |                          |         |                                     |        |          |        |
| 1-2                     | 12-3w/g |                          |         |                                     |        |          |        |



## Wire Marking and Identifying

### Dispensers

| 3M™ ScotchCode™ Write-On Dispensers   |                   |        |                 |        |                       |                 |          |        |
|---|-------------------|--------|-----------------|--------|-----------------------|-----------------|----------|--------|
| <ul style="list-style-type: none"> <li>- Home Use : VCRs, TVs, cable, stereo components, phones, computers, luggage, satellite installation</li> <li>- Do-It-Yourself Home Improvements : home security, sprinkler systems, sound systems, exterior lighting design</li> <li>- Automotive : plugs, hoses, spark plugs, stereos, car alarms</li> <li>- Plumbing : pipes, hoses, tubes, parts, vents</li> <li>- Sporting Equipment : golf clubs, camping equipment, bags, bats, fishing rods, rackets, bicycles</li> <li>- Equipment Identification : hand and power tools</li> </ul> |                   |        |                 |        |                       |                 |          |        |
| Description   | - Write-On Area - |        | - Marker Size - |        | Recommended Wire O.D. | Labels Per Roll | Mfr.Part | SKU    |
|   | Width             | Height | Width           | Length |                       |                 |          |        |
| Regular dispenser with tape and SMP pen   | 0.75"             | 0.312" | 0.75"           | 1.375" | 0.09 - 0.31"          | 250             | SWD      | M45238 |



| 3M™ ScotchCode™ Dispenser Refill Rolls SDR   |          |        |
|--|----------|--------|
| <ul style="list-style-type: none"> <li>- Marking all types of wire and cable including power, control, fiber optic, electronic, telecommunications and instrumentation</li> <li>- Phase identification on large or small gauge wire or cable</li> <li>- Identification of terminal blocks, terminal strips, and wire in panel boards or a piece of switchgear</li> <li>- Automotive applications on tubing, hoses and replacement parts</li> </ul> |          |        |
| Description  | Mfr.Part | SKU    |
| Dispenser filled with 10 rolls of numbered tape (one each of 0-9)  | STD-0-9  | M45235 |



| 3M™ ScotchCode™ Pre-Printed Wire Marker Book SPB |          |        |
|--|----------|--------|
| Contents   | Mfr.Part | SKU    |
| A-Z, 0-15, +, -, /                               | SPB-02   | M45232 |
| 1-45   | SPB-03   | M45233 |
| 46-90  | SPB-14   | M45234 |



| 3M™ ScotchCode™ Write-On Wire Marker Books SWB |        |                 |        |                       |                 |          |        |
|--|--------|-----------------|--------|-----------------------|-----------------|----------|--------|
| - Write-On Area -                              |        | - Marker Size - |        | Recommended Wire O.D. | Labels Per Book | Mfr.Part | SKU    |
| Width  | Height | Width           | Length |                       |                 |          |        |
| 0.75"  | 0.75"  | 0.75"           | 0.75"  | 0.24 X 0.31"          | 120             | SWB-2    | M45236 |
| 1.0"   | 1.0"   | 1.0"            | 1.0"   | 0.32 X 0.58"          | 60              | SWB-3    | M45237 |



# 3M PRODUCTS

## Fire Protection Products

### Sealants and Packing Material

#### 3M Fire Barrier Sealants & Packing Material

- Approved for use in up to 4 hour firestop systems
- Convenient, hand-tear dispensing
- For almost any through-penetration firestop project
- Approved for use in all of 3M's UL Listed through penetration firestop systems
- Less irritating to skin than competitive products

| Size         | Description         | Mfr.Part       | SKU    |
|--------------|---------------------|----------------|--------|
| 10.1 fl. oz. | Intumescent Sealant | CP-25WB+10.1OZ | M45169 |

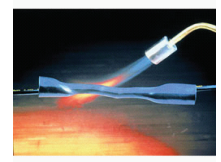


## Heat Shrinkable products

### Heavy-Wall Tubing

#### 3M™ ITCSN Heavy-Wall cable Sleeves for 1kV

| Type | Length | Typical Cable Range | Expanded/Recovered I.D. | Mfr.Part                   | SKU    |
|------|--------|---------------------|-------------------------|----------------------------|--------|
| Bulk | 48"    | 12-6 AWG            | 0.40/0.15"              | ITCSN-0400-48 BULK (08964) | M45227 |
| Bulk | 48"    | 8-1/0 AWG           | 0.80/0.20"              | ITCSN-0800-48 BULK (08968) | M45228 |
| Box  | 48"    | 2-4/0 AWG           | 1.10/03.7"              | ITCSN-1100-48 BOX          | M45229 |
| Box  | 48"    | 3/0 AWG - 400 kcmil | 1.50/0.50"              | ITCSN-1500-48 BOX          | M45230 |
| Bulk | 48"    | 250 - 750kcmil      | 2.00/0.65"              | ITCSN-2000-48 BULK (08978) | M45231 |



### Thin-Wall Tubing

#### 3M™ Thin-Wall Tubing FP-301

| Size | Length | Color | Expanded/Recovered I.D. | Mfr.Part              | SKU    |
|------|--------|-------|-------------------------|-----------------------|--------|
| 1/4" | 48"    | White | 0.250/0.125"            | FP-301-1/4-48-WHITE   | M45224 |
| 1/2" | 48"    | White | 0.500/0.250"            | FP-301-1/2-48-WHITE   | M45223 |
| 1"   | 48"    | White | 1.000/0.500"            | FP-301-1-48-WHITE     | M45225 |
| 1.5" | 48"    | White | 1.500/0.750"            | FP-301-1 1/2-48-WHITE | M45226 |



## Terminations

### Cold Shrink Insulators

#### 3M™ Cold Shrink Insulators

- Simple installation, requires no tools or heat
- Provides flexible, moisture-tight seal
- UV resistant for outdoor applications, also suitable for direct applications

| Conductor Size | Cable Diameter | Connector Length | Relaxed Tube Length | Mfr.Part | SKU    |
|----------------|----------------|------------------|---------------------|----------|--------|
| 10-1/0 AWG     | 0.10 - 0.82"   | 3"               | 8"                  | 8424-8   | M45216 |
| 2-1/0 AWG      | 0.40 - 0.82"   | 3"               | 8"                  | 8425-8   | M45217 |
| 2/0-250 kcmil  | 0.55 - 1.18"   | 5"               | 9"                  | 8426-9   | M45219 |
| 2/0-250 kcmil  | 0.55 - 1.18"   | 7"               | 11"                 | 8426-11  | M45218 |
| 250-400 kcmil  | 0.69 - 1.38"   | 8"               | 12"                 | 8427-12  | M45220 |
| 500-800 kcmil  | 0.95 - 1.94"   | 8"               | 12"                 | 8428-12  | M45221 |

