



# FP-301 Heat Shrink Tubing Kits

Heat Shrink Tubing Kits and Refill Packs

## Data Sheet

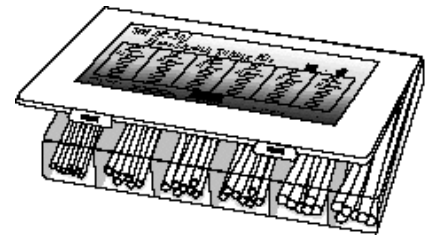
### Product Description

The 3M™ FP-301 Heat Shrink Tubing Kits are a versatile assortment of flexible polyolefin heat shrink tubing. The kits are available in two different types: Assorted Colors or Black only. Each box is 7" x 11" x 2 1/2" (177.7 x 279.3 x 63.4 mm) of rugged translucent plastic with product and installation information on the cover. Both heat shrink kits allow an engineer, designer or technician to have a complete selection of popular sizes and colors for small projects and product development programs.

The **Assorted Color Kit** has a total of 133 pieces and contains seven colors: black, red, white, yellow, blue, green and clear. The Assorted Color Kit contents, by expanded diameter, are listed in the chart below.

The **Black Kit** contains 102 pieces, all of 6 inch (152.4 mm) lengths. The Black Kit contents, by expanded diameter, are listed in the chart below.

Each diameter has a corresponding refill pack that allows the customer to repurchase a single package of a specific diameter to replenish the kit. FP-301 is a 2:1 shrink ratio polyolefin-heat shrinkable tubing that is widely used in a variety of electronic and electrical applications.



### Assorted Colors Kit

| Description | Size            | Pieces |
|-------------|-----------------|--------|
| FP-301      | 3/32" (2,36 mm) | 35     |
| FP-301      | 1/8" (3,18 mm)  | 28     |
| FP-301      | 3/16" (4,75 mm) | 21     |
| FP-301      | 1/4" (6,35 mm)  | 21     |
| FP-301      | 3/8" (9,53 mm)  | 14     |
| FP-301      | 1/2" (12,70 mm) | 14     |

### Assorted Colors\*

#### 6" Refill Packs

| Ordering Size   | Quantity  | Packs/Carton |
|-----------------|-----------|--------------|
| 3/32" (2,36 mm) | 35 pieces | 10           |
| 1/8" (3,18 mm)  | 28 pieces | 10           |
| 3/16" (4,75 mm) | 21 pieces | 10           |
| 1/4" (6,35 mm)  | 21 pieces | 10           |
| 3/8" (9,53 mm)  | 14 pieces | 10           |
| 1/2" (12,70 mm) | 14 pieces | 10           |

\* 7 different colors in each pack

### Black Kit

| Description | Size           | Pieces |
|-------------|----------------|--------|
| FP-301      | 3/16" (4,8 mm) | 30     |
| FP-301      | 1/4" (6,4 mm)  | 28     |
| FP-301      | 3/8" (9,6 mm)  | 20     |
| FP-301      | 1/2" (12,7 mm) | 14     |
| FP-301      | 3/4" (19,1 mm) | 6      |
| FP-301      | 1" (25,4 mm)   | 4      |

### Black

#### 6" Refill Packs:

| Ordering Size   | Quantity  | Packs/Carton |
|-----------------|-----------|--------------|
| 3/16" (4,75 mm) | 30 pieces | 10           |
| 1/4" (6,35 mm)  | 26 pieces | 10           |
| 3/8" (9,53 mm)  | 24 pieces | 10           |
| 1/2" (12,70 mm) | 20 pieces | 10           |
| 3/4" (19,05 mm) | 14 pieces | 10           |
| 1" (25,40 mm)   | 10 pieces | 10           |

**Limited Warranty** – 3M expressly warrants that for a period of ninety days from the date of purchase, 3M static control products will be free of defects in materials (parts) and workmanship (labor). Defects occurring during the warranty period will be repaired or products will be replaced at 3M's option and expense, if 3M receives notice during the warranty period. Defective products must be returned to 3M with proof of purchase date.

**Warranty Exclusions** – THE FOREGOING EXPRESS WARRANTY IS MADE IN LIEU OF ALLOTHER PRODUCT WARRANTIES, EXPRESS AND IMPLIED, INCLUDING FITNESS AND MERCHANTABILITY. The express warranty will not apply to defects or damage due to accidents, neglect, misuse, alterations, operator error, or failure to properly maintain, clean, or repair products.

**Limit of Liability** – In no event will 3M or Seller be responsible or liable for special, incidental, or consequential losses or damages, whether based in tort or contract. Fulfillment of 3M's warranty obligations will be Customer's exclusive remedy and 3M's and Seller's limit of liability for any breach of warranty or otherwise.

**For your nearest distributor or to order, call 1-800-328-1368**

**3M Electrical Specialties Division**

6801 River Place Blvd.  
Austin, TX 78726-9000

© 3M March 1997