1801 Morgan Street Rockford, Illinois 61102 800-435-2931 www.molexkits.com



# Datasheet for 76650-0027

#### **General Information**

**Part Number:** 76650-0027

Manufacturer: Molex / Waldom

Title: Perma-Fit Heat Shrink Tubing Kit

**Description:** Thin Wall and Dual Wall Polyolefin Shrink Tubing

Product Family: Perma-Fit™

Certificates: (Molex Parts within this kit) - EU RoHS Compliant and UL

Country of Origin: Kit assembled in U.S.A.

# **Specifications**

Material Type: Polyolefin

Tubing Length: 152.4mm (6")

**Diameter (in):** 3/16, 1/4, 3/8, and 1/2

Shrink Ratio: 2:1 (Thin-wall) and 3:1 (Dual Wall)

Shrink

Temperature: 90 deg. C (Thin-wall) and 120 deg. C (Dual Wall)

Color: Red and Black

# **Product Highlights**

Perma-Fit heat shrink tubing is high quality with a wide variety of uses. Thin-wall tubing made of polyolefin has excellent physical, chemical and electrical properties that meet both industrial and military requirements for general purpose tubing. Dual wall polyolefin shrink tubing with an adhesive liner is also available for applications that require superior strain relief and environmental sealing. Heat shrink tubing from Molex is ideal for protecting, identifying and insulating electrical components and cables or wires.

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#### **Features and Benefits**

- Meets industrial and military requirements for highly reliable, general purpose tubing
- Polyolefin material is flame retardant and has excellent physical, chemical and electrical properties
- Dual Wall Heavy tubing is UL listed for submersible and direct burial applications
- Adhesive lining provides superior strain relief and resistance to vibration, abrasion and corrosion.
- Lengths available from 6" cut pieces to 1,000 continuous feet (spools)
- · Available in various colors

# **Applications**

- General and Electrical Contractors
- Appliance Industry
- Non-Automotive Transportation Industry
- Home Maintenance and Repair

#### Bill of Materials for Part No. 76650-0027

Molex Part No.	Country of Origin	Description	Quantity in Kit
19267-0143-E	Canada	PF Style Polyolefin Thin-wall Shrink Tubing 3/16" Red 2:1	8
19267-0171-E		PF Style Polyolefin Thin-wall Shrink Tubing 1/4" Black 2:1	4
19207-0171-E	Cariaua	11 Style Folyolellif Fillif-wall Shiffik Fubling 1/4 Black 2.1	4
19267-0201-E	Canada	PF Style Polyolefin Thin-wall Shrink Tubing 3/8" Black 2:1	3
19267-0233-E	Canada	PF Style Polyolefin Thin-wall Shrink Tubing 1/2" Red 2:1	2
	_	PF3 Style Polyolefin Dual Wall Shrink Tubing w/Adhesive	
19269-0014-E	Canada	3/16" Black 3:1	2
		PF3 Style Polyolefin Dual Wall Shrink Tubing w/Adhesive	
19269-0019-E	Canada	1/4" Black 3:1	1

#### No Recommended Molex Tool for Part No. 76650-0027