

## Datasheet for 76650-0026

### General Information

**Part Number:** 76650-0026  
**Manufacturer:** Molex / Waldom  
**Title:** Perma-Seal All Weather Solderless Terminal Kit  
**Description:** Assorted Sealed Quick Disconnect, Ring and Butt Splice Terminals. Includes Heat Shrink Tubing and Cable Ties, With Universal Crimp Tool  
**Product Family:** Perma-Seal™  
**Country of Origin:** Kit assembled in U.S.A.

### Specifications

#### Design

**Configuration:** (Wire-to-Wire) and (Wire-to-Board) / Solderless Terminals  
**Connector Type:** Quick Disconnects, Ring Tongue Terminals, Butt Splices  
**Sizes:** .250", #8, #10, 1/4 "and 3/8"  
**Insulation:** NiAc™ (Perma-Seal™)  
**Voltage:** 600 Volts  
**Wire size:** (22-18), (16-14), (12-10) and (8) AWG

### Product Highlights

Perma-Seal terminals and splices give you long-lasting, moisture-proof connections that withstand water, salt, condensation, corrosion and heat, all of which cause serious problems for conventional, unsealed splices. The inner wall of the heat-shrinkable Perma-Seal sleeve is lined with a special hot-melt adhesive that is inert at room temperature, permitting wires to be inserted easily into the splices and terminals. As the sleeve is heated, the adhesive melts and flows under pressure from the tubing.

#### Features and Benefits

- Perma-Seal splices and terminals resists abrasion and cutting.
- The insulation material shrinks up to 40% faster than comparable nylon or polyolefin products.
- Low shrink temperature

#### Applications

- Farm equipment
- Ships
- Pumps
- Generators
- Material handling equipment
- Factory floor equipment

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### Bill of Materials for Part No. 76650-0026

Molex Part No.	Country of Origin	Description	Quantity in Kit
19164-0012	USA	Perma-Seal™ .250" Female Quick Disconnects, 22-18 AWG	5
19164-0047	USA	Perma-Seal™ .250" Female Quick Disconnects, 16-14 AWG	5
19164-0059	USA	Perma-Seal™ .250" Female Quick Disconnects, 12-10 AWG	5
19164-0019	USA	Perma-Seal™ .250" Male Quick Disconnects, 22-18 AWG	5
19164-0084	USA	Perma-Seal™ .250" Male Quick Disconnects, 16-14 AWG	5
19164-0078	USA	Perma-Seal™ .250" Male Quick Disconnects, 12-10 AWG	5
19164-0086	USA	Perma-Seal™ #8 Ring Tongue Terminals, 22-18 AWG	10
19164-0034	USA	Perma-Seal™ #10 Ring Tongue Terminals, 16-14 AWG	10
19164-0026	USA	Perma-Seal™ 1/4" Ring Tongue Terminals, 16-14 AWG	10
19164-0068	USA	Perma-Seal™ 3/8" Ring Tongue Terminals, 12-10 AWG	6
19164-0066	USA	Perma-Seal™ 1/4" Ring Tongue Terminals, 12-10 AWG	8
19164-0013	USA	Perma-Seal™ Butt Splice Connectors, 22-18 AWG	15
19164-0044	Taiwan	Perma-Seal™ Butt Splice Connectors, 16-14 AWG	15
19164-0056	USA	Perma-Seal™ Butt Splice Connectors, 12-10 AWG	10
19164-0079	India	Perma-Seal™ Butt Splice Connectors, 8 AWG	4
19252-0147	Taiwan	UV Black Cable Ties, 7.3", 50 pound tensile strength	50
19269-0239	Canada	Perma-fit Shrink Tube, 2-wall Polyolefin w/Adhesive Liner	4
19294-0062	Taiwan	Universal Hand Crimping Tool	1
19413-0042	Taiwan	Mini Butane Torch	1

### Recommended Molex Tool(s) for Part No. 76650-0026\*

Molex Part No.	Country of Origin	Description
64001-7400 *	Germany	Hand Crimp Tool
64005-7400 *	Germany	Power Crimp Tool

\*Tool(s) not included in kit. Tool(s) ordered separately.