

Tubing Kits and Mini-Spools

Smaller Packaging Options for Single Wall and Adhesive-Lined Tubing Products

Product Facts

- VERSAFIT and RNF-100 tubing: 2:1 shrink ratio
- DWP-125: 3:1 shrink ratio
- ES1000: 4:1 shrink ratio
- VERSAFIT tubing's low full recovery temperature reduces installation time and the risk of damage to temperature-sensitive components
- RNF-100 offers excellent physical, chemical, and electrical properties that meet or exceed commercial, industrial and military standards for highly reliable, general purpose tubing
- DWP-125 and ES1000 have high-shrink-ratios to allow for insulation and sealing of irregular shapes; few sizes cover a wide range of diameters
- RoHS compliant



Applications

Single wall VERSAFIT and RNF-100 tubing provide electrical insulation and strain relief of in-line components, electrical connections, wire terminations, and splices. They can be used to bundle wires for flexible light duty harnesses. Also to identify or color code wires, cables, terminals and electronic components.

Adhesive-lined DWP-125 and ES1000 environmentally seal and protect a

wide variety of electrical applications, including wire splices, terminations, break-outs and connector-to-cable transitions.

Installation

Minimum full recovery temperature:

- VERSAFIT: 90°C [194°F]
- RNF-100: 121°C [250°F]
- DWP-125: 125°C [257°F]
- ES1000: 135°C [275°F]

Operating Temperature Range

- VERSAFIT and RNF-100: -55°C to 135°C [-67°F to 275°F]
- DWP-125: -40°C to 110°C [-40°F to 230°F]
- ES1000: -40°C to 130°C [-40°F to 266°F]

Specifications/Approvals

| Series | UL | CSA | Military | Raychem |
|----------|-----------------------------|------------------------------|------------------------------------|-------------|
| VERSAFIT | E35586 VW-1 600 V, 125°C | LR31929 VW-1 600 V, 125°C | AMS-DTL-23053/5*, Classes 1 & 3 | RW-3009 |
| RNF-100 | E35586 600 V, 125°C | LR31929 600 V, 125°C | AMS-DTL-23053/5*, Class 1 | RT-350 |
| DWP-125 | E35586 600 V, 125°C | — | — | DWP-125 SCB |
| ES1000 | E85381 600 V, 125°C | — | — | RT-1113 |

*Formerly MIL-I-23053/5 and MIL-DTL-23053/5.

| Available in: | Americas | Europe | Asia Pacific |
|---------------|----------|--------|--------------|
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Tubing Kits and Mini-Spools (Continued)

Single Wall Tubing

KIT 1 – 2 to 1 Shrink Ratio • Black • 600V, 125°C, UL/CSA VW-1 (KIT 1 PN: A5251-000)

| Expanded I.D. | Quantity (6 Inch Pieces) | Fits Wire Gauge Size | Refill Part Number |
|----------------|--------------------------|----------------------|--------------------|
| VERSAFIT-3/16" | 30 | 18 – 14 AWG | D76139-000 |
| VERSAFIT-1/4" | 28 | 12 – 10 AWG | F37063-000 |
| VERSAFIT-3/8" | 24 | 8 AWG | D27573-000 |
| VERSAFIT-1/2" | 20 | 6 – 3 AWG | C02462-000 |
| VERSAFIT-3/4" | 14 | 2 – 1/0 AWG | A92664-000 |
| VERSAFIT-1" | 10 | 2/0 – 4/0 AWG | C21270-000 |

KIT 2 – 2 to 1 Shrink Ratio • 7 Colors • 600V, 125°C, UL/CSA VW-1 (except clear) (KIT 2 PN: D54859-000)**

| Expanded I.D. | Quantity (6 Inch Pieces) | Fits Wire Gauge Size | Refill Part Number |
|----------------|--------------------------|----------------------|--------------------|
| VERSAFIT-3/32" | 35 | 18 AWG | E31091-000 |
| VERSAFIT-1/8" | 28 | 16 AWG | 349256-000 |
| VERSAFIT-3/16" | 21 | 14 AWG | C53800-000 |
| VERSAFIT-1/4" | 21 | 12 – 10 AWG | C87605-000 |
| VERSAFIT-3/8" | 14 | 8 AWG | A82691-000 |
| VERSAFIT-1/2" | 14 | 6 – 3 AWG | E10896-000 |

**Clear tubing in Kit 2 and Kit 2 Refills is RNF-100.

Adhesive-Lined Tubing

KIT 3 – Black/White/Red/Clear • 600V, 125°C, UL (KIT 3 PN: E42160-000)

| Expanded I.D. | Quantity (6 Inch Pieces) | Fits Wire Gauge Size | Refill Part Number |
|---------------|--------------------------|-------------------------------------|--------------------|
| DWP-125-1/8" | 25 | 20 – 16 AWG (3 to 1 Shrink Ratio) | D14889-000 |
| DWP-125-3/16" | 25 | 14 – 10 AWG (3 to 1 Shrink Ratio) | E87367-000 |
| DWP-125-1/4" | 24 | 12 – 10 AWG (3 to 1 Shrink Ratio) | F91864-000 |
| DWP-125-1/2" | 10 | 6 – 3 AWG (3 to 1 Shrink Ratio) | F41454-000 |
| DWP-125-3/4" | 5 | 2 – 1/0 AWG (3 to 1 Shrink Ratio) | C67617-000 |
| DWP-125-1" | 3 | 2/0 – 4/0 AWG (3 to 1 Shrink Ratio) | F66623-000 |
| ES1000-NO.1 | 6 | 16 – 12 AWG (4 to 1 Shrink Ratio) | |
| ES1000-NO.2 | 5 | 12 – 10 AWG (4 to 1 Shrink Ratio) | |
| ES1000-NO.3 | 5 | 10 – 8 AWG (4 to 1 Shrink Ratio) | |
| ES1000-NO.4 | 3 | 6 – 3 AWG (4 to 1 Shrink Ratio) | |

KITS 1, 2 and 3 are comprised of a durable six section plastic box with hinged lid. Inside the lid are product selection guidelines. Ask your Sales Representative about KIT 4 and KIT 6, our Economy Tubing Kits in a reclosable plastic bag, also used on "point of sale" racks. Here are Part Numbers for those Kits and their content:

KIT 4: E32151-000 (Three pieces each of 3/16", 1/4", 3/8", 1/2", 3/4" and 1" Black tubing in 6 inch pieces)

KIT 6: C72402-000 (Three pieces each of 3/64", 1/16", 3/32" and 1/8" Black tubing in 6 inch pieces)

VERSAFIT MINI-SPOOLS

2 to 1 Shrink Ratio • Black • 600V, 125°C, UL/CSA VW-1

| Expanded I.D. | Quantity (Feet) | Part Number |
|----------------|-----------------|-------------|
| VERSAFIT-3/64" | 100 | C16404-000 |
| VERSAFIT-1/16" | 75 | E40870-000 |
| VERSAFIT-3/32" | 65 | D70981-000 |
| VERSAFIT-1/8" | 60 | C17600-000 |
| VERSAFIT-3/16" | 50 | F27135-000 |
| VERSAFIT-1/4" | 40 | F64479-000 |
| VERSAFIT-3/8" | 35 | D57591-000 |
| VERSAFIT-1/2" | 30 | E37316-000 |
| VERSAFIT-3/4" | 25 | 449582-000 |
| VERSAFIT-1" | 15 | F27156-000 |

VERSAFIT is a very flexible, highly flame-retardant polyolefin tubing, 90°C full recovery temperature, good fluid resistance with a UL 224/CSA VW-1 flammability rating.

RNF-100 MINI-SPOOLS

2 to 1 Shrink Ratio • Black • 600V, 125°C, UL/CSA

| Expanded I.D. | Quantity (Feet) | Part Number |
|---------------|-----------------|-------------|
| RNF-100-3/64" | 100 | D00409-000 |
| RNF-100-1/16" | 75 | A66551-000 |
| RNF-100-3/32" | 65 | D42391-000 |
| RNF-100-1/8" | 60 | F56629-000 |
| RNF-100-3/16" | 50 | E77288-000 |
| RNF-100-1/4" | 40 | F75818-000 |
| RNF-100-3/8" | 35 | D12330-000 |
| RNF-100-1/2" | 30 | A81736-000 |
| RNF-100-3/4" | 25 | E40866-000 |
| RNF-100-1" | 15 | E62131-000 |

RNF-100 is a flexible, flame-retardant polyolefin tubing, 121°C full recovery temperature, excellent fluid resistance with a UL 224/CSA All Tubing flammability rating.