



## RW-175

High temperature, chemical resistance, semi-rigid Polyvinylidene Fluoride, 2:1 heat-shrinkable tubing

### Applications

RW-175 is an extremely tough, high temperature tubing offering outstanding abrasion and cut-through resistance. Ideal for strain relief and insulating densely packed electrical connections, whilst allowing visual inspection of covered components.

### Features & Benefits

- Tough, semi-rigid, thin wall tubing
- High temperature performance
- Excellent mechanical & electrical properties
- Excellent chemical & solvent resistance
- 2:1 shrink ratio

### Operating Temperature

- -55°C to +175°C

### Installation

- Minimum shrink temperature +155°C
- Minimum full recovery +175°C

### Specifications/Approvals

- Def Stan 59-97 Type 3
- AMS-DTL-23053/8
- VG 95343 Part 5 Type F
- UL-E35586 VW-I 600V, +150°C
- CSA-LR31929 600V, +150°C
- RW-3029/I

### Dimensions (all dimensions are in mm's)

| Inside Diameter   |                     | Wall Thickness      | Standard Packaging & Ordering Description |                      |                      |
|-------------------|---------------------|---------------------|---|----------------------|----------------------|
| As Supplied (min) | After Heating (max) | Wall Recovery (nom) | 1.2m Pack Size (STK)                      | Spool Pack Size (SP) | Ordering Description |
| 1.2               | 0.6                 | 0.25                | 60m                                       | 300m                 | RW-175-3/64-X        |
| 1.6               | 0.8                 | 0.25                | 60m                                       | 300m                 | RW-175-1/16-X        |
| 2.4               | 1.2                 | 0.25                | 60m                                       | 150m                 | RW-175-3/32-X        |
| 3.2               | 1.6                 | 0.25                | 60m                                       | 150m                 | RW-175-1/8-X         |
| 4.8               | 2.4                 | 0.25                | 60m                                       | 150m                 | RW-175-3/16-X        |
| 6.4               | 3.2                 | 0.33                | 30m                                       | 75m                  | RW-175-1/4-X         |
| 9.5               | 4.8                 | 0.33                | 30m                                       | 75m                  | RW-175-3/8-X         |
| 12.7              | 6.4                 | 0.33                | 30m                                       | 75m                  | RW-175-1/2-X         |
| 19.0              | 9.5                 | 0.43                | 30m                                       | 75m                  | RW-175-3/4-X         |
| 25.4              | 12.7                | 0.48                | 30m                                       | 75m                  | RW-175-1-X           |

**Note:** Wall thickness will be less if tubing recovery is restricted during shrinkage.

### Ordering Information

- Standard colour: X = (Clear).
- Size selection: The largest size that will recover snugly over the component(s).
- Standard packaging: 1.2m lengths (STK) & Spools (SP).
- Ordering description: Specify product, size and colour; e.g. **RW-175-1/2-X** (X=Clear).
- Ordering Example:** 150m of 4.8mm supplied inside diameter tubing = **RW-175-3/16-X-SP** (X=Clear).  
30m of 19mm supplied inside diameter tubing = **RW-175-3/4-X-STK** (X=Clear).