

RW175

High temperature, fluid resistant polyvinylidene fluoride



RW175 is a semi-rigid, polyvinylidene fluoride tubing offering superior cut-through and abrasion resistance. PLK175 is semi-rigid and has excellent resistance to most fuels, solvents and chemicals. RW175 has a continuous operating temperature of 175°C and can easily withstand 350°C for short periods.

Features & Benefits

- High operating temperature, meets military standards.
- Outstanding abrasion resistance and cut through resistance.
- Offers excellent protection from fuels, solvents and chemicals.

Applications

- Electrical Insulation and strain relief of multi-pin connectors.
- Ideal for dense packing of components allowing for visual inspection.
- Recommended maximum temperature for use as a primary insulator: 135°C.

| General Information | |
|--------------------------|----------------------------------------------------------------------------------------------------------------------|
| Material | PVDF |
| Shrink Ratio | 2:1 |
| Operating Temperature | -55°C to +175°C |
| Dielectric Strength | 25 KV/mm |
| Installation Temperature | 1750°C |
| Specifications | UL 224 E35586 VW-1 CSA LR31929 DEF Stan 59-97 Type AMS-DTL 23053/8 VG 95343 pt5/VDE 0342/pt9005 |



Available Colours

BLACK

CLEAR

| Ordering Description | Ordering Size (inches) | Minimum ID Supplied (mm) | Maximum ID Supplied (mm) | Recovered Wall Thickness (mm) |
|----------------------|------------------------|--------------------------|--------------------------|-------------------------------|
| RW175-3/64 | 3/64 | 1.20 | 0.60 | 0.25 |
| RW175-1/16 | 1/16 | 1.60 | 0.80 | 0.25 |
| RW175-3/32 | 3/32 | 2.40 | 1.20 | 0.27 |
| RW175-1/8 | 1/8 | 3.20 | 1.60 | 0.27 |
| RW175-3/16 | 3/16 | 4.80 | 2.40 | 0.27 |
| RW175-1/4 | 1/4 | 6.40 | 3.20 | 0.33 |
| RW175-3/8 | 3/8 | 9.50 | 4.80 | 0.33 |
| RW175-1/2 | 1/2 | 12.70 | 6.40 | 0.33 |
| RW175-3/4 | 3/4 | 19.00 | 9.50 | 0.43 |
| RW175-1 | 1 | 25.40 | 12.70 | 0.48 |
| RW175-1-1/2 | 1 1/2 | 38.00 | 19.00 | 0.51 |

Packaging options –Spools, coils, 1.2m lengths and bespoke cut pieces

Full technical specification available on request

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