



Thin wall tapered 4:1

PF4-135

PF4-135 is a high quality heat shrink tubing made of thin wall flexible cross-linked polyolefin, with high shrinkage, it is soft and flexible, possessing excellent dielectric, chemical and physical qualities.



- Flexible and flexible
- Operating temperature – 55 to 135°C
- Shrinking temperature: > 90°C
- RoHS
- Self-extinguishing according to UL 224
- Available in 1.22 m bar

| Tapered 4:1 Cut | Ø max (mm) | Ø min (mm) | Wall thickness after shrinkage (mm) |
|--------------------|-----------------|-----------------|--|
| 19.1/4.6 | 19.1 | 4.6 | 1.7 |
| 25.4/7.0 | 25.4 | 7.0 | 1.7 |
| 38.1/9.5 | 38.1 | 9.5 | 1.7 |
| 50.8/14 | 50.8 | 14.0 | 1.7 |



Certificates :

SAE-AMS-DTL-23053/5 Class 1 (colors)*
SAE-AMS-DTL-23053/5, Class 2 (clear)*

UL 224, 135°C - UL cert. E2281171*
CSA C 22.22 No. 198.1-98, OFT1*
(except *size 3", 4" & 1*transparent)

| Physical properties | Test method | Results | Thermal properties | Test method | Results |
|------------------------|-------------|------------------------|------------------------------|--------------------|--------------------|
| Tensile strength | ASTM D 2671 | 14 N/mm ² | Thermal shock | 4 hours at 250°C | |
| Elongation at break | ASTM D 2671 | 800% | Low temperature hose at | - 40°C ASTM D 2671 | No drips No tears |
| Longitudinal shrinkage | UL 224 | +/- 5% max | Elongation after aging | ASTM D 2671C | Does not tear |
| Moisture regain | ASTM D 570 | 0.15% max | Thermal (168 hours at 175°C) | ASTM D 638 | Elongation 350% |
| Specific gravity | ASTM 972 | 1.47 g/cm ³ | Flame resistance | UL 224 VW1 | Except transparent |

| Electrical properties | Test method | Results | Chemical properties | Test method | Results |
|----------------------------|-------------|-------------|----------------------------------|-----------------|---------|
| Dielectric strength | ASTM D 2671 | > 20 kV/mm | Mold resistance | AMS-DTL-7444 | Inert |
| Specific volume resistance | ASTM D 257 | 1014 ohm cm | Fluid resistance | AMS-DTL-23053/5 | Good |
| | | | Copper corrosion | ASTM D 2671B | Good |
| | | | Resistant to diesel and gasoline | | Down |