Thin wall ratio 2:1 PF2-135

PF2-135 is a high quality cross-linked polyolefin heat shrink tubing, it is soft and flexible, possessing excellent dielectric, chemical and physical qualities. This resistant selfextinguishing sheath makes it possible to cover elements of similar diameters. It is suitable for areas such as electrical insulation, electronics, equipment, marking and identification.

- Flexible
- Operating temperature – 55 to 135°C
- Shrinking temperature: > 90°C
- Dielectric strength 20 KV/mm
- RoHs and REACH compliant
- Flame retardant and self extinguishing (except transparent)
- UL 224 125°C (except clear)
- Available in 1.22m bar and spool

Ratio 2:1 Cut	Ø max (mm)	Ø mini (mm)	Wall thickness after shrinkage(mm)	Long coll M	Bar (M)
1,2/0,6	1,2	0,6	0.41	150	1.22
1.6/0.8	1.6	0.8	0.43	150	1.22
2.4/1.2	2.4	1.2	0.51	150	1.22
3.2/1.6	3.2	1.6	0.51	150	1.22
4.8/2.4	4.8	2.4	0.51	75	1.22
6.4/3.2	6.4	3.2	0.64	75	1.22
9.5/4.8	9.5	4.8	0.64	75	1.22
12.7/6.4	12.7	6.4	0.64	50	1.22
19.1/9.5	19.1	9.5	0.77	30	1.22
25.4/12.7	25.4	12.7	0.89	30	1.22
38.1/19.1	38.1	19.1	1.02	30	1.22
50.8/25.4	50.8	25.4	1.14	30	1.22
76.2/38.1	76.2	38.1	1.27	15	1.22
101.6/50.8	101.6	50.8	1.30	15	1.22
126.2/63.5	126.2	63.5	1.30	15	1.22
150.0/76.0	150.0	76.0	1.30	15	1.22

Certifications:

- SAE-AMS-DTL-23053/5 Class 1 (colors)*
- SAE-AMS-DTL-23053/5 Class 2 (clear)*
- UL 224, 125° C - UL cert. E204071*
- CSA C 22.22 No. 198.1-98, OFT1*(except *size3", 4"t clear)
- ROHS : EC guidelines: 2002/95/EG, 2002/96/EG, 2003/11/E

Physical properties	Test method	Results
Tensile strength	ASTM D 638	13 N/mm²
Elongation at break	ASTM D 638	350 %
Longitudinal shrinkage	ASTM D 2671	+/- 5% max
Moisture regain	ASTM D 570	0,20% max
Specific gravity	ASTM 972	1,47 gr/cm3

Thermal properties	Test method	Results
Thermal shock 4 hours at 250°C		
Low temperature hose at - 40°C	ASTM D 2671	No drips No tears not
Elongation after aging	ASTM D 2671C	Does not tear
Thermal (168 hours at 175°C)	ASTM D 638	Elongation 250%
Flame resistance	UL 224	Except transparent

Electrical properties	Test method	Results
Dielectric strength	ASTM D 2671	20 kV/mm
Specific volume resistance	ASTM D 257	1014 ohm cm

Chemical properties	Test method	Results
Mold resistance	AMS-DTL-7444	Inert
Fluid resistance	AMS-DTL-23053/5	Good
Copper corrosion	ASTM D 2671B	Good
Resistant to diesel and gasoline		Down

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