



Thin wall shrunked 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 self-extinguishing 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 and 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 transparent)
- Available in 1.22m bar and spool

2:1 shrink Cut	Ø max (mm)	Ø mini (mm)	Wall thickness after shrinkage (mm)	Long M coil	Closed off (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	1.40	15	1.22



Colors available: black, transparent, white, blue, red, yellow, green, brown, grey, green/yellow

Certificates :

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

UL 224, 125°C - UL cert. E2281171*
CSA C 22.22 No. 198.1-98, OFT1*(except *size 3", 4"t transp)
ROHS: EC directives: 2002/95/EG, 2002/96/EG, 2003/11/E

Physical properties	Test method	Results	Thermal properties	Test method	Results
Tensile strength	ASTM D 638	13 N/mm ²	Thermal shock	4 hours at 250°C	
Elongation at break	ASTM D 638	350%	Low temperature hose at - 40°C	ASTM D 2671	No drips No tears not
Longitudinal shrinkage	ASTM D 2671	+/- 5% max	Elongation after aging	ASTM D 2671C	Does not tear
Moisture regain	ASTM D 570	0.20% max	Thermal (168 hours at 175°C)	ASTM D 638	Elongation 250%
Specific gravity	ASTM 972	1.47 g/cm ³	Flame resistance	UL 224	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

