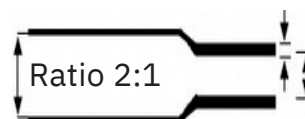




Thin wall Halogen-free 2:1 PF2-135-HF



PF2-135-HF is a high quality halogen-free heat shrink tubing made of cross-linked polyolefin, it is soft and flexible, having excellent dielectric, chemical and physical qualities. It is suitable for the industrial sectors of railways, aeronautics and construction. This resistant flame retardant sheath allows you to cover elements of similar diameters. It is suitable for areas such as electrical insulation, electronics, equipment, marking and identification. In the event of a fire, this sheath emits little smoke and toxic gases, which makes it usable in confined environments.

- Flexible quick removal
- Operating temperature – 55 à 125°C
- Minimum shrinkage temperature : > 70°C
- Dielectric strength 20 KV/mm
- RoHs and REACH compliant
- Retarded by flame
- UL 224 125°C
- Available on reel

Ratio 2:1 Size	∅ max (mm)	∅ mini (mm)	Wall thickness after shrinking (mm)	Long M coil
1,2/0,6	1,2	0,6	0,33	300
1,6/0,8	1,6	0,8	0,36	300
2,4/1,2	2,4	1,2	0,44	300
3,2/1,6	3,2	1,6	0,44	300
4,8/2,4	4,8	2,4	0,51	150
6,4/3,2	6,4	3,2	0,56	150
9,5/4,8	9,5	4,8	0,56	75
12,7/6,4	12,7	6,4	0,65	75
19,1/9,5	19,1	9,5	0,80	50
25,4/12,7	25,4	12,7	0,90	50
38,1/19,1	38,1	19,1	1,02	30
50,8/25,4	50,8	25,4	1,14	30
76,2/38,1	76,2	38,1	1,27	30



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

Certifications :

UL 224, 125° C - UL cert. E204071

ROHS : EC guidelines: 2002/95/EG, 2002/96/EG, 2003/11/E

Physical properties	Test method	Results	Thermal properties	Test method	Results
Tensile strength	ASTM D 638	10 N/mm ²	Thermal shock 4 hours at 175°C	ASTM D 2671	No drips, cracks or run off
Elongation at break	ASTM D 638	200 %	Elongation after aging	ASTM D 2671C	Does not tear
Longitudinal shrinkage	ASTM D 2671	-10% à +5%	Elongation after aging	ASTM D 638	Elongation 100%
Moisture recovery	ASTM D 570	0,5% max	Thermal(168 hours at 175°C)		
specific entity	ASTM 972	1,2 gr/cm ³	Flame resistance	UL 224	successful

Electrical properties	Test method	Results	Chemical properties	Test method	Results
Dielectric strength	ASTM D 2671	20 kV/mm	Chemical resistance	AMS-DTL-23053/5	Good
Specific volume resistance	ASTM D 257	1014 ohm cm	Copper corrosion	ASTM D 2671B	No corrosion

