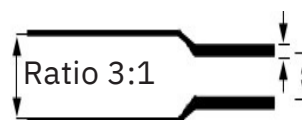




Thin wall ratio 3:1 PF3-135

PF3-135 is a high quality thin-wall cross-linked polyolefin heat shrink tubing, it is soft and very 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, 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

3:1 shrink size	Ø max (mm)	Ø mini (mm)	Wall thickness after shrinkage (mm)	long spool in M
1,5/0,5	1,5	0,5	0,45	150
3/1	3	1	0,55	150
4,8/1,5	4,8	1,5	0,60	75
6/2	6	2	0,70	75
9/3	9	3	0,70	75
12/4	12	4	0,70	50
18/6	18	6	0,80	30
24/8	24	8	1,00	30
39/13	39	13	1,15	30



Available colors: black, transparent, white, blue, red, yellow, green, brown, gray, 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 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	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 gr/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

