



# Thin wall shrinked 3:1 PF3-135

PF3-135 is a high quality thin-wall 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, 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 clear)
- Available in 1.22m bar and spool

Shrunk 3:1 Cut	Ø max ( mm )	Ø min ( 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
6/18	18	6	0.80	30
24/8	24	8	1.00	30
39/13	39	13	1.15	30



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 <sup>2</sup>	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 <sup>3</sup>	Flame resistance	UL 224	Except transparent

Electrical properties	Test method	Results	Chemical properties	Test method	Results
Dielectric strength	ASTM D 2671	> 20 kV/mm	AMS-DTL-7444 Mold Resistance		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

