



Medium wall 4:1 PM4

PM4 is a high quality, medium wall cross-linked polyolefin heat shrink tubing for protection of LV cable joints and terminations and telecommunications applications. The range of sizes available for this sheath is wide, and thanks to a high shrinkage coefficient, adapts to most configurations, providing resistant and flexible protection. Excellent resistance to atmospheric agents, abrasion, corrosion and chemicals. It is particularly suitable for sealing and insulating cable thicknesses, connections, terminations and sheath repairs.



- Operating temperature – 40 to 120°C
- Shrinking temperature: > 110°C
- Dielectric strength 17 KV/mm
- UV resistant
- Halogen free
- Rohs and REACH compliant
- Available in 1m bar

Size	Ø max (mm)	Ø mini (mm)	Wall thickness after shrinkage (mm)
12/3	12	3	1,90
22/6	22	6	2,20
34/7	33	7	2,50
40/12	40	12	2,50
56/17	56	17	2,70
72/22	72	22	3,00
92/35	92	35	3,00
120/35	115	35	3,10
140/45	140	45	3,15
160/55	160	55	3,15
175/58	175	58	3,25
200/65	200	65	3,25
235/65	235	65	3,25
275/125	275	125	2,80
350/125	350	125	3,00



Physical properties	Test method	Results	Thermal properties	Test method	Results
Tensile strength	ASTM D 638	14 N/mm ²	Thermal shock 4 hours at 200°C	ASTM D 2671	No drips No tears not pas
Elongation at break	ASTM D 638	400 %	Low temperature flexibility to -40°C	ASTM D 2671 c	Does not tear
Longitudinal shrinkage	ASTM D 2671	- 10% max	Elongation after aging Thermal (168 hours at 155°C)	ASTM D 638	300%
Moisture regain	ASTM D 570	0,12% max			
Specific gravity	ASTM 972	1,08 gr/cm ³			
Electrical properties	Test Method	Results	Chemical properties	Test method	Results
Dielectric strength	ASTM D 2671	> 17 kV/mm	Fluid resistance		Good
Specific volume resistance	ASTM D 257	10 ohm cm	Copper corrosion	ASTM D 2671 B	

