



Thick wall 4:1 PE4

PE4 is a thick-walled cross-linked polyolefin heat-shrink tubing for the protection of cable joints and terminations. The range of dimensions available for this sheath is wide, and thanks to a high shrinkage coefficient, it adapts to most configurations providing resistant and flexible protection. Excellent resistance to atmospheric agents, abrasion, corrosion and chemicals.



It is also particularly suitable for repairing ducts.

- 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	2,20
19/6	19	6	2,40
30/8	30	8	3,00
45/13	45	13	3,00
52/15	52	16	3,60
72/20	72	22	3,80
92/26	92	29	3,80
120/35	120	35	4,00
130/45	130	45	4,00
160/55	160	55	4,00
180/55	180	55	4,00
200/60	200	60	4,00



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
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	

