



Thick wall 6:1 with adhesive PE6-A

PE6-A is a thick-walled cross-linked polyolefin heat-shrink tubing with high shrinkage and adhesive, for the protection of cable joints and terminations. The range of dimensions available for this sheath is wide, and thanks to a very high shrinkage coefficient, it adapts to most configurations providing great resistant protection. Excellent resistance to atmospheric agents, abrasion, corrosion and chemicals.



- Adhesive coated inner wall
- Operating temperature – 55 to 110°C
- Dielectric strength 20 KV/mm
- Shrinking temperature: > 110°C
- UV resistant
- Cadmium free, halogen free
- Rohs Compliant
- Available in 1m bar

Taille	Ø max (mm)	Ø mini (mm)	Wall thickness after shrinkage (mm)
19/3.2	19	3.2	3.2
33.5/6.5	33.5	6.5	3.4
44.4/7.4	44.4	7.4	3,6
50,8/8.3	50	8.3	4.8
88.9/17.	88.9	17.1	4,8
1 119/23	119	23	4,8



Physical properties	Test method	Results	Thermal properties	Test method	Results
Tensile strength	ASTM D2671	14 N/mm ²	Thermal shock 4 hours at 200°C	ASTM D 2671	No drips No tears
Elongation at break	ASTM D2671	> 400 %	Low temperature flexibility to -40°C	ASTM D 2671 c	not Does not tear
Longitudinal shrinkage	ASTM UL224	- 10% max	Elongation after aging	ASTM D2671>	300%
Moisture regain	ISO62	< 0,15 %	Thermal (168 hours at 150°C)		
Specific gravity	ASTM D972	1,05 gr/cm ³			

Electrical properties	Test method	Results	Chemical properties	test method	Results
Dielectric strength	IEC2431	> 20 kV/mm	Fluid resistance		Good
Specific volume resistance	IEC93	10 ohm cm	Copper corrosion	ASTM D2671	Non corrosive

Adhesive	Test method	Results
Softening point	ASTM E28	85°C

