

TA61

With internal adhesive
(Shrink ratio 6÷1)



Note: knowing the diameter of the object to be covered, the width of the flattened tubing can be calculated using the formula **1.57079 x diameter**.
Knowing the width of the tubing, the diameter of the object to be covered can be calculated using the formula **0.6366 x width of tubing**.

BEFORE SHRINKING	AFTER FREE SHRINKING		Packaging in cut lengths
Internal diameter in mm (D)	Internal diameter in mm (d)	Wall thickness in mm (e)	
19.0	3.2	3.2	1 mt./1,22 mt.
33.0	5.5	3.4	1 mt./1,22 mt.
44.4	7.4	3.6	1 mt./1,22 mt.
50.8	8.3	4.3	1 mt./1,22 mt.
69.8	11.7	4.8	1 mt./1,22 mt.
88.9	17.1	4.8	1 mt./1,22 mt.
119.4	22.9	4.8	1 mt./1,22 mt.
235.0	40.0	4.8	1 mt./1,22 mt.

**HEATSHRINKABLE
TUBING IN POLYOLEFIN
"SERIES TA61"
SHRINK RATIO 6÷1
WITH INTERNAL
ADHESIVE**

General features

The TA61 tubing is a flexible heatshrinkable tubing with internal adhesive. The internal surface is coated with a hot-melt adhesive which melts around the object during the shrinking process, so as to protect it from any infiltration of water or humidity. The high shrink ratio makes it suitable for protecting particularly irregular objects. Ideal for use in all applications in which a high degree of protection is needed.

Technical features

• Shrink ratio	6 ÷ 1	
• Operating temperature	-55 °C ÷ +110 °C	
• Standard colour	Nero	
• Packaging	In cut lengths	
• Minimum shrink temperature	> +120 °C	
• Thermal shock (4 hours at 250 °C)	No damage	
• Elongation after heat ageing test (168 hours at 150 °C)	300%	IN ACCORDANCE WITH ASTM D 2671 (150 °C - 168 hours)
• Tensile strength (168 hours at 150 °C)	> 12 MPA	IN ACCORDANCE WITH ASTM D 2671 (150 °C - 168 hours)
• Elongation to break	400%	IN ACCORDANCE WITH ASTM D 2671
• Tensile strength	≥ 14 MPA	IN ACCORDANCE WITH ASTM D 2671
• Longitudinal variation	0 ÷ -10%	IN ACCORDANCE WITH UL 224
• Water absorption	≤ 0,15%	IN ACCORDANCE WITH ISO 62 (23 °C - 14 days)
• Resistance to abrasion	4 N/cm	IN ACCORDANCE WITH IEC 243
• Resistance to fungus and decay	Passed	IN ACCORDANCE WITH ISO 846
• Volume resistivity	10 ¹³ ohm.cm	IN ACCORDANCE WITH IEC 93
• Dielectric strength	≥ 18 kV/mm	IN ACCORDANCE WITH IEC 243
• Information regarding application	See the chapter "Choosing heatshrinkable tubing and information regarding its application"	

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