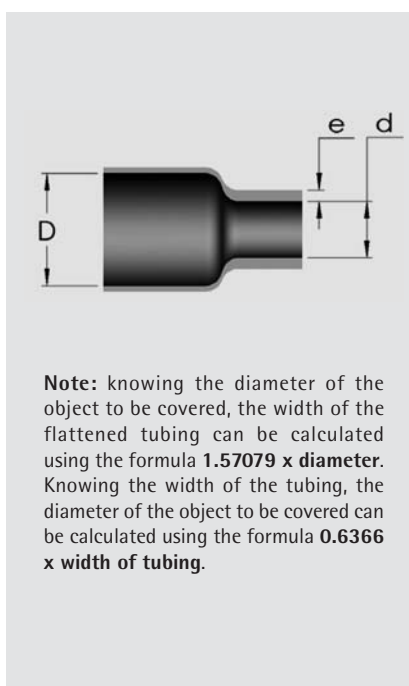


TTP31-UL

(Shrink ratio 3÷1)



BEFORE SHRINKING	AFTER FREE SHRINKING		
	Internal diameter in mm (D)	Internal diameter in mm (d)	Wall thickness in mm (e)
1.5	0.5	0.45	200
3.0	1.0	0.55	200
4.8	1.6	0.60	150
6.0	2.0	0.70	100
9.0	3.0	0.70	100
12.0	4.0	0.70	50
18.0	6.0	0.80	50
24.0	8.0	1.00	50
39.0	13.0	1.15	25

**HEATSHRINKABLE
SELF-EXTINGUISHING
TUBING IN POLYOLEFIN**
"SERIES TTP31-UL"
SHRINK RATIO 3÷1

General features

Series TTP31 polyolefin tubing is a self-extinguishing heatshrinkable tubing that has a high shrinking ratio. In addition to being particularly suitable for all uses in which irregular-shaped objects and components have to be covered and protected, it has a good resistance to common fluids and solvents.

Technical features

• Shrink ratio	3 ÷ 1	
• Operating temperature	- 55 °C ÷ +135 °C	
• Flammability		ACCORDING TO STANDARD UL224 VW-1
• Standard colour	Black Other colours upon request	
• Packaging	On reels	
• Tensile strength	13 N/mm ²	ACCORDING TO STANDARD ASTM D 638
• Elongation to break	300%	ACCORDING TO STANDARD ASTM D 638
• Longitudinal variation	≤ +1% - 10% maximum	ACCORDING TO STANDARD ASTM D 2671
• Water absorption	≤ 0.15%	ACCORDING TO STANDARD ASTM D 570
• Specific weight	1.45 g/cm ³	ACCORDING TO STANDARD ASTM D 792
• Minimum shrinking temperature	> +90 °C	
• Heat shock (4 hours at 250 °C)	No damage	ACCORDING TO STANDARD ASTM D 2671
• Elongation after heat ageing test (168 hours at 150 °C)	200%	ACCORDING TO STANDARD ASTM D 638
• Low flexibility temperature (-55 °C)	No cracking	ACCORDING TO STANDARD ASTM D 2671 C
• Resistance to mould	Good	ACCORDING TO STANDARD MIL-DTL-7444
• Resistance to fluids	Good	ACCORDING TO STANDARD MIL-DTL-23053/5
• Copper corrosion	None	ACCORDING TO STANDARD ASTM D 2671 B
• Volume resistivity	10 ¹⁴ ohm.cm	ACCORDING TO STANDARD ASTM D 257
• Dielectric strength	20 kV/mm	ACCORDING TO STANDARD ASTM D 2671
• Information regarding application	See chapter "Choice of heatshrinkable tubing and information regarding its application"	

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QUALITY SYSTEM
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