

# KYN175

(Shrink ratio 2÷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**.

Internal diameter in mm (D)	AFTER FREE SHRINKING		Packing
	Internal diameter in mm (d)	Wall thickness in mm (e)	
1.2	0.6	0.20 ± 0.3	200 mt
1.6	0.8	0.20 ± 0.3	200 mt
2.4	1.2	0.23 ± 0.4	200 mt
3.2	1.6	0.23 ± 0.4	100 mt
4.8	2.4	0.23 ± 0.4	100 mt
6.4	3.2	0.28 ± 0.5	100 mt
9.5	4.8	0.28 ± 0.5	In cut lengths of 1.22 mt
12.7	6.4	0.32 ± 0.5	In cut lengths of 1.22 mt
19.1	9.5	0.36 ± 0.7	In cut lengths of 1.22 mt
25.4	12.7	0.41 ± 0.7	In cut lengths of 1.22 mt

## General features

The heatshrinkable tubing in Kynar of the Series KYN 175 is self-extinguishing and has excellent physical and electrical properties. It is ideal for uses in which a high degree of protection is required, for protection against high temperatures, and is used especially for the protection of electrical cables and general covering.

**HEATSHRINKABLE  
TUBING IN  
SELF-EXTINGUISHING  
KYNAR 175 °C  
"SERIES KYN175"  
SHRINK RATIO 2÷1**

## Technical features

• Shrink ratio	2 ÷ 1	
• Operating temperature	-55 °C ÷ +175 °C	IN ACCORDANCE WITH IEC 216
• Self-extinguishing properties		IN ACCORDANCE WITH UL 224 VW-1
• Standard colour	Transparent	
• Packaging	On reels and in cut lengths	
• Minimum shrink temperature	> +175 °C	
• Dielectric strength	≥30 KV/mm	IN ACCORDANCE WITH ASTM D 2671
• Elongation to break	150%	IN ACCORDANCE WITH ASTM D 2671
• Elongation after heat ageing test (168 hours at 250 °C)	100 %	
• Thermal shock (1 hour at 300 °C)	No damage	
• Volume resistivity	10 <sup>13</sup> Ω/cm	IN ACCORDANCE WITH ASTM D 2671
• Information regarding application	See the chapter "Choosing heatshrinkable tubing and information regarding its application"	

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