

# STP125

(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  $1.57079 \times \text{diameter}$ . Knowing the width of the tubing, the diameter of the object to be covered can be calculated using the formula  $0.6366 \times \text{width of tubing}$ .

BEFORE SHRINKING		AFTER FREE SHRINKING		Packaging in mt
Internal diameter in mm (D)	Wall thickness in mm (e)	Internal diameter in mm (d)	Wall thickness in mm (e)	
1.2	0.15 ± 0.05	0.6	0.28 ± 0.10	200
1.6	0.18 ± 0.05	0.8	0.32 ± 0.10	200
2.0	0.18 ± 0.05	1.0	0.35 ± 0.10	200
2.4	0.18 ± 0.05	1.2	0.38 ± 0.10	200
3.2	0.18 ± 0.05	1.4	0.40 ± 0.10	200
3.5	0.22 ± 0.05	1.6	0.42 ± 0.10	200
4.0	0.25 ± 0.05	2.0	0.45 ± 0.10	200
4.8	0.25 ± 0.05	2.4	0.55 ± 0.10	100
6.4	0.28 ± 0.05	3.2	0.55 ± 0.10	100
7.0	0.28 ± 0.05	3.5	0.55 ± 0.10	100
8.0	0.28 ± 0.05	4.0	0.60 ± 0.10	100
9.5	0.30 ± 0.08	4.5	0.60 ± 0.10	100
10.0	0.30 ± 0.08	5.0	0.60 ± 0.10	100
11.0	0.30 ± 0.08	5.5	0.60 ± 0.10	100
12.0	0.30 ± 0.08	6.0	0.60 ± 0.10	100
12.7	0.35 ± 0.10	6.3	0.65 ± 0.10	100
14.0	0.35 ± 0.10	7.0	0.65 ± 0.10	100
15.0	0.40 ± 0.12	7.5	0.70 ± 0.10	100
16.0	0.40 ± 0.12	8.0	0.70 ± 0.10	100
17.0	0.40 ± 0.12	8.5	0.70 ± 0.10	100
18.0	0.40 ± 0.15	9.0	0.80 ± 0.15	100
19.1	0.40 ± 0.15	9.6	0.80 ± 0.15	100
22.0	0.40 ± 0.15	11.0	0.80 ± 0.15	100
25.4	0.50 ± 0.15	12.5	0.90 ± 0.15	50
28.0	0.50 ± 0.15	14.0	0.90 ± 0.15	50
32.0	0.50 ± 0.15	15.0	0.95 ± 0.15	50
35.0	0.50 ± 0.15	16.0	1.00 ± 0.15	50
38.1	0.55 ± 0.15	20.0	1.00 ± 0.15	50
50.0	0.55 ± 0.15	25.0	1.00 ± 0.15	25
60.0	0.60 ± 0.15	30.0	1.30 ± 0.20	25
70.0	0.65 ± 0.15	35.0	1.30 ± 0.20	25
80.0	0.65 ± 0.15	40.0	1.46 ± 0.20	25
90.0	0.65 ± 0.15	45.0	1.46 ± 0.20	25
100.0	0.65 ± 0.20	50.0	1.46 ± 0.20	25
120.0	0.65 ± 0.20	60.0	1.56 ± 0.20	15
150.0	0.65 ± 0.20	75.0	1.56 ± 0.20	15
180.0	0.65 ± 0.30	91.0	1.56 ± 0.20	15

## General features

Series STP125 polyolefin tubing is a self-extinguishing heatshrinkable tubing with excellent physical and electrical properties. It is ideal for general protective covering, cabling and insulation and thanks to the simplicity with which it shrinks it adapts very easily to the item being covered.

**HEATSHRINKABLE  
SELF-EXTINGUISHING  
TUBING  
IN POLYOLEFIN**  
**"SERIES STP125"**  
SHRINK RATIO 2÷1

## Technical features

• Shrink ratio	2 ÷ 1	
• Operating temperature	-55 °C ÷ +125 °C	
• Flammability		ACCORDING TO STANDARD UL 224 VW-1
• Standard colours	Black - White - Red - Yellow Blue - Green - Transparent	
• Packaging	On reels	
• Minimum shrinking temperature	> +90 °C	
• Dielectric strength	≥ 15 KV/mm	
• Tensile strength	15 MPA	ACCORDING TO STANDARD ISO37
• Tensile strength after ageing (7 days)	12 MPA	
• Elongation to break	450%	ACCORDING TO STANDARD ISO37
• Elongation after heat ageing test	400%	(168 hours at 158 °C)
• Heat shock	No dripping, slipping or cracking	(4 hours at 250 °C)
• Water absorption	0,2%	ACCORDING TO STANDARD ASTM D570
• Resistance to fluids		ACCORDING TO STANDARD ISO1817, ISO37 MIL-1-23053
• Longitudinal variation	± 5%	
• Information regarding application	See chapter "Choice of heatshrinkable tubing and information regarding its application"	

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QUALITY SYSTEM  
CERTIFIED BY DNV  
= ISO 9001 =**

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