

7. HEAT SHRINKABLE TUBING PRODUCTS / TZHTŽŽ



Thin-wall heat shrinkable insulation tubes with 2:1 shrink ratio, green/yellow



Application

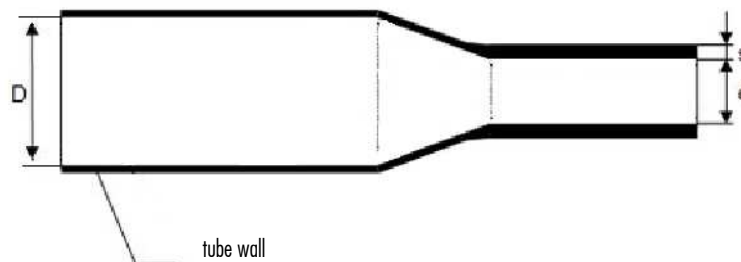
Thin-wall heat shrinkable insulation tubes with are intended for making watertight fittings for signal, control and communication cables and are electroinsulating purposes applicable within 600 volts.

Marking

Identification marking consists of a letter symbol TZHTŽŽ and numbers referring to internal diameter before/after tube shrinkage.

Specifications

Heat shrinkable insulation tubes type TZHTŽŽ are made from modified, peroxide cross-linked polyethylene and UV stabilizer with properties displayed in the Tab. 1. Dimensions of the particular types of tubes are shown in the Tab. 2.



D - Expanded as supplied \varnothing D min

d - Fully recovered \varnothing d max

s - Wall thickness after shrinkage (WT)



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Tab. 1 Properties of tubes and adhesive

Physical properties		
Tensile strength	[MPa]	min. 10
Elongation at break	[%]	min. 275
Shrink temperature	[°C]	125
Longitudinal change after shrinkage	[%]	- 10
Operating temperature	[°C]	-40 +110
Electrical properties		
Volume resistivity	[Ω .m]	10 ¹³
Dielectric strength	[kV/mm]	12
Chemical properties		
Corrosion		non-corrosive
Water absorption	[%]	0,2

Tab. 2 Dimensions of the particular types of tubes

Code/Size	D mm	D mm	S mm	P spool/m, pcs/m
TZHTŽŽ 2,5/1,2	2,5	1,2	0,44	spool/200m
TZHTŽŽ 3,0/1,5	3,0	1,5	0,44	spool/200m
TZHTŽŽ 3,5/1,7	3,5	1,7	0,44	spool/200m
TZHTŽŽ 4,0/2,0	4,0	2,0	0,44	spool/200m
TZHTŽŽ 5,0/2,5	5,0	2,5	0,56	spool/150m
TZHTŽŽ 6,0/3,0	6,0	3,0	0,56	spool/150m
TZHTŽŽ 7,0/3,5	7,0	3,5	0,56	spool/150m
TZHTŽŽ 8,0/4,0	8,0	4,0	0,56	spool/150m
TZHTŽŽ 9,0/4,5	9,0	4,5	0,56	spool/150m
TZHTŽŽ 10/5	10	5	0,56	spool/100m
TZHTŽŽ 12/6	12	6	0,56	spool/100m
TZHTŽŽ 12,7/6,35	12,7	6,35	0,56	spool/100m
TZHTŽŽ 14/7	14	7	0,69	spool/100m
TZHTŽŽ 16/8	16	8	0,69	spool/100m
TZHTŽŽ 18/9	18	9	0,69	spool/50m
TZHTŽŽ 20/10	20	10	0,78	spool/50m
TZHTŽŽ 22/11	22	11	0,78	spool/50m
TZHTŽŽ 25/12,5	25	12,5	0,78	spool/50m
TZHTŽŽ 30/15	30	15	0,87	spool/50m
TZHTŽŽ 40/20	40	20	0,97	spool/50m
TZHTŽŽ 50/25	50	25	0,97	spool/50m

Tubes TZHTFZZ are supplied on spools, lengths are displayed in the Tab. 2.
Ordering description example: TZHTFZZ 10/5 - spool/100m