



Thin-wall heat shrinkable insulation tubes with 3:1 shrink ratio, standard colors: black, white, yellow, red, blue, green and natural

* VUKI a.s. * TZHTF-3 12/4

Application

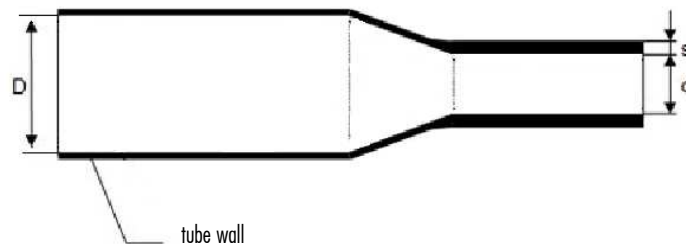
Thin-wall heat shrinkable insulation tubes with 3:1 shrink ratio in a variety of colors are intended for insulation, mechanical protection and marking of signal, control, communication cables, connectors and other products. Standard colors: black, white, yellow, red, blue, green and natural.

Marking

Identification marking consists of a letter symbol TZHTF-3 and numbers referring to internal diameter before/after tube shrinkage. e.g. TZHTF-3 9/3.

Specifications

Heat shrinkable insulation tubes type TZHF-3 are made from modified, peroxide cross-linked polyethylene, with properties displayed in the Tab. 1. Excellent mechanical and electrical properties of the base insulating material allow their wide applicability. 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)


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	[$\Omega \cdot m$]	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
TZHTF-3 6/2	6	2	0,65	spool/50m
TZHTF-3 9/3	9	3	0,75	spool/50m
TZHTF-3 12/4	12	4	0,75	spool/50m
TZHTF-3 18/6	18	6	0,85	spool/50m
TZHTF-3 24/8	24	8	1	spool/50m
TZHTF-3 38/13	38	13	1,15	spool/50m

D - Expanded as supplied \varnothing D min

d - Fully recovered \varnothing d max

S - Tube wall thickness (W) after shrinkage

P - Packaging (P), Minimum order quantity (MOQ)

Tubes TZHTF-3 are supplied on spools, lengths are displayed in the Tab. 2.

Ordering description example: TZHTF 24/8 with adhesive – spool/60m