



**ZIPPERTUBE® ZT105** is flexible heat-shrinkable tubing with a 2:1 shrink ratio made of a special modified PVC compound for electrical insulation and mechanical protection.

**Standard colours** Black, green, yellow, blue, white, red, clear.

**Non-standard Colours** Upon request

#### TECHNICAL CHARACTERISTICS

PHYSICAL	Standard requirement	Test methods
<b>Working temperature</b>	-30°C up to +105°C	
<b>Shrink temperature</b>	+150°C	
<b>Shrink ratio</b>	2 : 1	
<b>Longitudinal change</b>	0 up to 15%	ASTM D 2671
<b>Specific gravity</b>	1,38	ISO / R 1183
<b>Elongation at break (168h at +105°C)</b>	140% mini.	ISO 37
<b>Low temperature flexibility (1h at -10°C)</b>	No cracking	ASTM D 2671
<b>Flammability</b>	Self-extinguishing	ASTM D 2671

## TECHNICAL CHARACTERISTICS

### ELECTRICAL

Dielectric strength	20 kV/mm mini.	IEC 243
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### CHEMICAL

Water absorption	0,2% maxi.	ASTM D 570
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Fluid resistance	Good	ISO 1817, ISO 37, MIL-I-23053
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### CUTTING / MARKING

Cutting	Upon request
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Marking	Upon request
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### PACKAGING

On spool	Depends on diameter Recommended storage conditions	+25°C
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### SPECIFICATION

Standard	UTE-C-93-641 Model GER 57
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*We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must assess whether this product is suitable for a particular use. ZIPPER-TECHNIK shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.*

## DIMENSION DATA

Reference	Inside diameter (mm)		Wall-thickness
	As supplied mini. (mm)	After recovery maxi. (mm)	After recovery (mm)
ZT105 160	1,60	0,90	0,50
ZT105 240	2,40	1,30	0,60
ZT105 320	3,20	1,70	0,60
ZT105 480	4,80	2,50	0,90
ZT105 640	6,40	3,20	0,90
ZT105 950	9,50	4,80	0,90
ZT105 1270	12,70	6,40	1,00
ZT105 1500	15,00	7,50	1,00
ZT105 1900	19,00	9,50	1,00
ZT105 2540	25,40	12,70	1,20
ZT105 3180	32,00	16,00	1,20
ZT105 3810	38,10	19,00	1,20
ZT105 5100	51,00	25,50	1,20
ZT105 7620	76,20	38,10	1,40
ZT105 10200	102,00	51,00	1,70