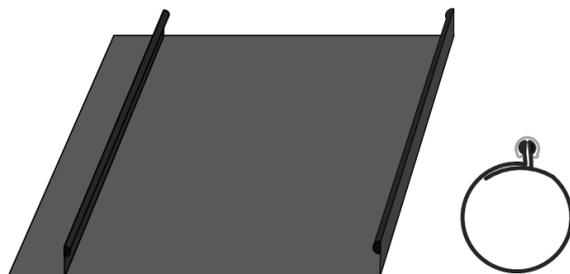


## 7. HEAT SHRINKABLE TUBING PRODUCTS / TZM



Heat shrink wrap around sleeve with a stainless steel channel



### Application

Heat shrink wrap around sleeves (cable repair sleeves) are intended for cable repairs (damaged power and communication cables), protection of cable joints, or alternative utilisation for a variety of other products.

### Marking

Identification marking consists of a letter symbol TZM and numbers referring to the sleeve size inside (Tab. 2).

Packaging: each piece separately in a PE bag, containing 1pc of a sleeve + 1pc of a stainless steel channel and a detailed installation instruction manual.

### Specifications

Wraparound heat shrink cable repair sleeve is made from modified, cross-linked PE mixture (properties displayed in the Tab. 1), has a rectangular shape with an adhesive lining to the inner side of the heat shrink sleeve and a stainless steel rail for zip-up style installation used to fully close the sleeve. Upon heating, the heat shrink sleeve shrinks and the adhesive melts, achieving a waterproof seal between the sleeve and the cable.

A corrosion proof metal channel has a profile "C", shaped and cut in order to provide excellent workability and is supplied with a sleeve.

Wraparound heat shrink cable repair sleeves with channels TZM are manufactured and supplied in compliance with VUKI corporate standards 22 004.



**Tab. 1 Material properties**

Tensile strength	[MPa]	min. 15
Elongation at break	[%]	min. 450
Shrink temperature	[°C]	150 - 200
Operating temperature - long-term - short-term	[°C]	100 150
Volume resistivity	[Ω.m]	10 <sup>14</sup>
Dielectric strength	[kV/mm]	15

**Tab. 2 Dimensions of heat shrink sleeves**

Code/Size	D [mm]	d [mm]	L [mm]
TZM-1-42/8-500	42	8	500
TZM-1-42/8-1000	42	8	1000
TZM-2-62/22-500	62	22	500
TZM-2-62/22-1000	62	22	1000
TZM-3-92/30-500	92	30	500
TZM-3-92/30-1000	92	30	1000

D - Internal Ø after sleeve clip closure (sleeve expanded Ø)

d - Internal Ø after shrinking sleeve clip closure (sleeve fully recovered Ø)

L - Length

Heat shrink sleeves TZM are supplied in PE bags (1 pc).