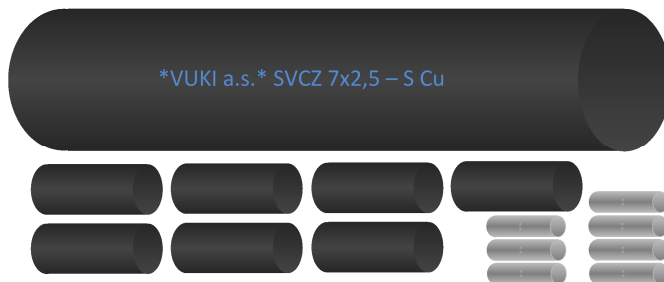




Heat shrink joints



Application

Joints SVCZ n x 1,5-6 are determined for joining 2 and more core cables with copper conductors of 1,5-6 mm² up to 1 kV.

Packaging: SVCZ n x 1,5-6 are supplied in PE bags, containing 1pc of a heat shrinkable tube for outer protection + n pcs of core insulation tubes and n pcs of joints.

Marking

Marking example:

SVCZ 7 x 2,5 - S Cu

7 - Number of cores

1,5 - Nominal cross-section of cores

S Cu - Cu compression cable connector

Specifications

All necessary assembling accessories of the kit consist of particular pcs of Cu compression cable connectors (according to number of joined cable cores), same number of heat shrinkable insulation tubes in order to create insulation surrounding in the place of core connection, 1 pc of heat shrinkable tube for outer protection. Both insulation and heat shrinkable tubes are covered by hot melt adhesive, covering the whole inner side length, for guaranteeing excellent sealed connection properties.

Tubes are manufactured from cross-linked PE (properties displayed in the Tab. 1).

The Tab. 2 provides a detailed description of the particular types of joints. The Fig. 1 displays positioning of cables in joints.

Heat shrink joints SVCZ n x 1,5-6 are manufactured and supplied in compliance with VUKI corporate standards 22 008.

Tab. 1 Material properties (cross-linked PE)

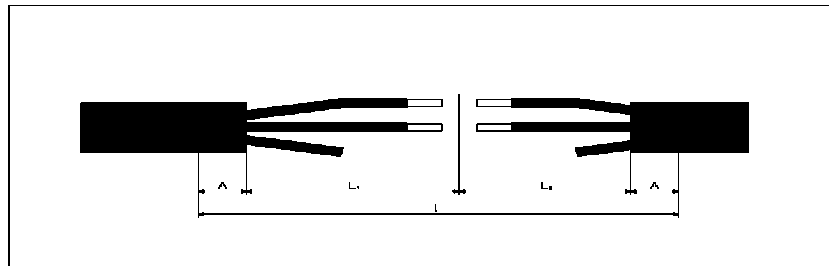
Tensile strength	[MPa]	min. 13
Elongation at break	[%]	min. 350
Shrink temperature	[°C]	150 - 200
Operating temperature	[°C]	100
- long-term		150
- short-term		
Volume resistivity	[Ω.m]	10 ¹³
Dielectric strength	[kV/mm]	12



Tab. 2 Dimensions of heat shrink joints SVCZ n x 1,5-6

Code/No of cable cores /Nominal core diameter [mm ²]	Dimensions [mm]			
	L ₁	L ₂	L	A
SVCZ 2 - 5 x 1,5 (2,5)	70	40	200	45
SVCZ 7 - 12 x 1,5 (2,5)	80	50	250	60
SVCZ 19 - 37 x 1,5 (2,5)	90	60	330	90
SVCZ 2 - 5 x 4 (6)	80	50	250	60
SVCZ 7 - 12 x 4 (6)	90	60	330	90

Fig. 1



Lengths of insulation tubes before shrinkage:

- cross-section 1,5 and 2,5 mm² - 50 mm
- cross-section 4 and 6 mm² - 55 mm

Heat shrink joints SVCZ are supplied in PE bags (1 kit).