

The LVK Heat-Shrink Connection Fitting is used for the universal connection of non-reinforced plastic cables and lines made of PVC, PE and VPE. It is suitable for use with press-fit and screw connectors on aluminium and copper cables.

The LVK Heat-Shrink Connection Fitting may only be used for low-voltage connections. The permissible rated voltage of 0.6/1.0 (1.2) kV must be observed !



**Technical datas:**

Material : Polyolefin cross-linked, with thermoplastic adhesive  
 Color : Black  
 Operating temperature : From -55 ° C to +110 ° C  
 Minimum shrink temperature : +120 ° C min.  
 Length changes after shrinking : From 0 to -10%  
 Shrink Ratio : Up to 4: 1  
 Melting point adhesive : + 105 ° C  
 Specifications : Based on DIN EN 50393 (VDE 0278-393) and DIN EN 60684-3-247 (VDE 0341-3-247)

	Inner sleeve	Outer sleeve	Test method
Dielectric strength	: >20 kV/mm	>20 kV/mm	IEC 243
Contact resistance	: 10 <sup>-4</sup> Ohm.cm	10 <sup>-4</sup> Ohm.cm	IEC 93
Tensile strength	: >14 MPa	>14 Mpa	ASTM D2671
Elongation	: >400%	>400%	ASTM D2671
Fire spread	: not self-extinguishing		ASTM D 876-95a
Oil resistance	: very well		ISO 175-99

**Type designation and technical data**

Article No.	Type	Number of inner sleeves	Lead cross section (mm <sup>2</sup> ) from-to	Inner sleeve			Outer sleeve		
				Ø D min. a	Ø D max. b	Length	Ø D min. a	Ø D max. b	Length
380-04005	LVK-5x1.5-6	5	1,5-6	12	3	70	48	12	250
380-04006	LVK-5x1.5-16	5	1,5-16	19	3.2	125	48	12	450
380-04007	LVK-5x6-25	5	6-25	22	6	125	55	16	500
380-04008	LVK-4x16-50	4	16-50	22	6	170	55	16	550
380-04009	LVK-4x25-95	4	25-95	33	8	250	75	20	800
380-04010	LVK-4x25-150	4	25-150	33	8	250	105	25	800
380-04011	LVK-4x95-300	4	95-300	40	12	280	130	35	900

All dimensions in mm. / Subject to technical changes.

D: Inside diameter  
 a: Delivery dimension  
 b: Dimension after full shrinking

Supplied as a set (inner sleeves, outer sleeve, cleaning cloth, emery cloth, installation instructions)

Press and screw are not included !



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This information is based on our experience and does not imply suitability without prior testing. We recommend using to test our products for special applications in their own experiments. A legally binding guarantee certain properties can not be derived from our information.