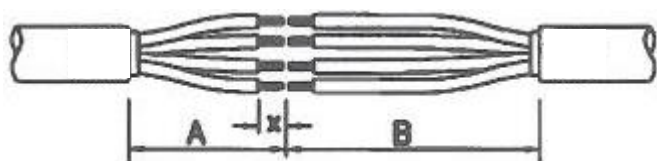


Technical data sheet

1 kV installation kits / krympemuffesæt

Installation kits for PVC cables up to 1 kV



Specifications

Cross-linked, polyolefin based, adhesive lined heat shrinkable tubing in $\geq 3:1$ shrink ratio
Shrink temperature 125°C
Operating temperature -45°C to +125°C

Rated 1000V, continuous temperature 90°C

Standard colours

Black

Dimensions

GTIN13 number	Part reference	Cable cross section [mm ²]	A [m m]	B [mm]	Inner sleeve (dia.) [mm]	Outer sleeve (dia.) [mm]
5710551252890	KIT1KV5X1.0-5X4MM2	1 – 4	40	75	6,4/2,2 x 50	20/6 x 220
5710551252906	KIT1KV5X1.5-5X6MM2	1,5 – 6	40	100	8.0/2.7 x 60	25/8 x 250
5710551252913	KIT1KV5X4-5X16MM2	4 – 16	60	140	12.7/4.0 x 100	34/10 x 380
5710551252920	KIT1KV4X10-4X50MM2	10 - 50	120	220	19.1/6.0 x 150	45/13 x 500
5710551252944	KIT1KV4X35-4X95MM2	35 – 95	150	320	28.0/9.0 x 200	70/25 x 750
5710551252951	KIT1KV4X35-4X150MM2	35 – 150	150	320	28.0/9.0 x 200	85/25 x 750
5710551252937	KIT1KV4X120-4X300MM2	120 - 300	200	500	38.0/12.0 x 300	122/40 x 1000

Physical

Properties	Test Method	Typical value
Tensile strength	ASTM D 2671	≥ 10.4 MPa
Elongation at break	ASTM D 2671	$\geq 300\%$
Longitudinal change	UL 224	$\leq \pm 10\%$
Water absorption	ASTM D 570	$\leq 0,20\%$
Specific gravity	ASTM D 792	1.47 g/cm ³
Density	ASTM D 792	1.2 g/cm ³
Elongation after ageing	UL224 (158°C x 168h)	$\geq 200\%$
Water absorption	ASTM D 570	$\leq 0.5\%$

Notes:

This information and data is believed to be accurate and reliable. Although the information and recommendations set forth herein are presented in good faith and believed to be correct as of this date, Hans Følsgaard A/S makes no representations as to the completeness or accuracy thereof. We place at your disposal the technical information necessary for the correct use of our products. As conditions and methods of use are beyond our control, that the person receiving the same will make their own determination as to the suitability for their purpose.

We reserve the right to modify characteristics with the aim of improving the product and adapting it to the requirements of the market.

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Electrical

Properties	Test Method	Typical value
Dielectric strength	IEC 243	≥20 kV/mm ²
Volume resistivity	IEC 93	10 ¹⁴ Ω cm
Heat shock	UL224 225°C x 4 hrs	No cracking

Storage

Store in original packaging.
 Recommended temperature at
 +10°C to +25°C
 and 45-55% relative humidity

Chemical

Properties	Test method	Typical value
Fungus resistance	AMS-DTL-7444	Inert, no growth
Chemical resistance	AMS-DTL-23053/5	Good
Copper corrosion	ASTM D 2671B	No corrosion

Hot melt adhesive

Properties	Test method	Typical value
Water absorption	ASTM D 570	≤ 0.2%
Softening point	ASTM E 38	95°C
Peel strength (PE)	ASTM D 1000	120N/25mm
Peel strength (AL)	ASTM D 1000	80N/25mm



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