



Din TeknikPartner

Technical data sheet

ECFM end caps

Heat shrinkable end caps for insulation and seal of wire and termination of splices for protection of abrasion, moisture, chemicals and corrosion.

The end caps are adhesive lined to bond with the heat shrink tubing or wire and cable jacket it overlaps.

Specifications

2:1 shrink ratio

Shrink temperature 120°C

Operating temperature -45°C to +125°C

Colour

Black

Dimensions

Size mm	Inner dia, as supplied mm	Inner dia, recovered mm	Full length mm	Wall thickness, as supplied mm	Wall thickness, recovered mm
11/6	11	5.5	30	0.8	1.1
16/8	16	7.5	70	1.3	2.2
20/8	20	7.5	70	1.5	2.2
25/11	25	11	80	1.5	2.3
30/16	30	16	90	1.5	2.5
35/17	35	17	90	1.5	2.5
40/15	40	15	90	1.7	2.8
50/26	50	26	115	2.0	3.4
70/30	70	30	125	1.8	2.5
100/46	100	46	140	1.8	3.5
120/57	120	57	155	1.8	3.5
140/60	140	60	180	2.1	3.5
250/90	250	90	270	2.2	3.8

Technical data

Properties	Test Method	Typical value
Tensile strength	ASTM D 2671	13 MPa
Elongation at break	ASTM D 2671	≥300%
Longitudinal change	UL 224	≤±10%
Water absorption	ISO 62	≤0.1%
Specific gravity	ASTM D 792	1.47 g/cm ³
Density	ASTM D 792	1.2 g/cm ³
Elongation after ageing	ASTM D 2671 (120°C x 168h)	≥ 210%
Water absorption	ASTM D 570	≤ 0.5%

Electrical

Properties	Test Method	Typical value
Dielectric strength	IEC 243	≥20 kV/mm ²
Volume resistivity	IEC 93	10 ¹⁴ Ω cm

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.

Last edited 12-02-2014 Rev.1



Din TeknikPartner

Technical data sheet

ECFM end caps

Chemical

Properties	Test method	Typical value
Fungus resistance	ISO 846	Pass
Chemical resistance	AMS-DTL-23053/5	Good
Copper corrosion	ASTM D 2671B	No corrosion

Storage

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

Hot melt adhesive

Properties	Test method	Typical value
Water absorption	ASTM D 570	≤ 0.5%
Softening point	ASTM E 38	95°C
Peel strength (PE)	ASTM D 1000	120N/25mm
Peel strength (AL)	ASTM D 1000	80N/25mm

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.

Last edited 12-02-2014 Rev.1