

Connection joint Coax 12	Art.nr. 800275
Connection joint Coax 6	Art.nr. 800280
Connection joint Coax 3	Art.nr. 800285
Connection joint Coax 1,5	Art.nr. 800290



Application

Filoform COAX thermoshrink joints have been developed for cable television networks. The system combines the ease of thermoshrink technique with a special and high quality sealing material. Filoform COAX joints offer various advantages against products already existing in the market.

Features

- Easy installation;
- Less heat to be applied for shrinking process;
- Optimal protection of cable and connector due to lower temperature during shrinking;
- Use of a hot-air gun possible (instead of torch);
- High shrink ratio;
- Excellent adhesion to all cable materials;
- Suitable for connection- and transition joints;
- Guaranteed quality; the concept has been used in telecom joints for over a decade;
- Suitable for underground- and above ground use;
- Easy re-openable so cables and connectors can be re-used;

Set-content

- Sealpass-sealingmaterial
- Thermo-shrinkable tube
- Cleaning tissue
- Abrasive cloth
- Installation instruction

Cabletype	Sealpass-sealing strip		Thermoshrink tube	
	Width	Length	Type	Length
all sizes in m m				
Coax 12, RG 59, Coax 9	60	150	25,4 / 7,0	130
Bamboo 6, full-PE 6, sas 6, cell 6, RG 216	90	225	38,1 / 9,5	203
Bamboo 3, full-PE 3, sas 3, cell 3, slimline 3	150	260	50,8 / 14,0	240

Subject to change without notice

Sealpass-sealingmaterial:

- Excellent water-tightness
- Very good adhesion on steel, plastics, and on uneven surfaces
- Very good corrosion protection
- Adjusts automatically to every shape

Technical specifications	Unit	Value	Standard
Thickness EPT-butylrubber	mm	1	ASTM D 1000
Thickness butylrubber-petrolat	mm	1	ASTM D 1000
Total thickness	mm	2	ASTM D 1000
Adhesion on RVS	g / 25 mm at 20°C	1500	ASTM D 1000
Adhesion on Polyethylen	g / 25 mm at 20°C	1000	ASTM D 1000
Tensile strength	kg / 25 mm	3	ASTM D 1000
Resistance to tear	kg	0,9	ASTM D 1004
Elongation at break	%	600	ASTM D 1000
Volume resistance	ohm x cm	1,0 x 10 ^{exp15}	ASTM D 257
Dielectric strength	kV	33	ASTM D 149
Water absorption	%	0,1	ASTM D 570
Strength	kg -cm	33	ASTM G 14

Thermoshrink tube:

- Excellent mechanical protection, wall thickness 1,7 mm (after full shrinkage)
- Good resistance against UV, and chemicals
- Minimum shrink temperature 70°C, temperature for full shrinkage 100°C
- Specifications: UL224 125°C, SAE-AMS-DTL-23053/5 Class 1&3

Technical specifications	Unit	Value	Standard
Tensile strength	Mpa	14	ASTM D 638
Tensile strength, after aging 175°C, 168 h	Mpa	14	ASTM D 638
Elongation at break	%	800	ASTM D 638
Elongation at break, after aging 175°C, 168 h	%	350	ASTM D 638
Longitudinal shrink	%	0 ± 5	UL 224
Heat resistance 250°C, 4 h	-	No cracks	ASTM D 2671
Cold bend -55°C, 4 h	-	No cracks	ASTM D 2671
Dielectric strength	kV/mm	22	ASTM D 150
Volume resist	Ohm x cm	10 ^{exp14}	ASTM D 876
Flammability	-	pass	UL 224 VW-1 SAE-AMS-DTL-23053/5
Copper corrosion	-	pass	UL 224
Water absorption	%	0,15	ASTM D 570
Chemical resistance	-	pass	SAE-AMS-DTL-23053/5
Excentricity	%	30	UL 224

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