

**Isogenopak® (Euroclass CL-s3,d0)**

## **Insulation Jacketing with permanent curl**

### **Technical data**

- ⇒ Permanent curl
- ⇒ Antistatic
- ⇒ Handy surface
- ⇒ Flexible
- ⇒ Will not splinter during riveting
- ⇒ High chemical resistance
- ⇒ No plasticizers
- ⇒ Physiologically safe in technical applications, including food processing operations
- ⇒ Non-aging and temperature-resistant from –20°C to +65°C
- ⇒ Light weight, approx. 500 g/m<sup>2</sup>
- ⇒ No CFCs or HCFCs used in the making of this product
- ⇒ Made using no silicone
- ⇒ Manufactured without the heavy metals cadmium, lead, chromium<sup>VI</sup> or their compounds
- ⇒ No flammable drips in the event of a fire
- ⇒ Easy to work, for maximum installation productivity

Property	Value	Unit	Testing method
Tensile impact strength	≥ 300	kJ/m <sup>2</sup>	DIN EN ISO 8256
Tensile strength	> 35	N/mm <sup>2</sup>	DIN EN ISO 527
Modulus of elasticity	appr. 1800	N/mm <sup>2</sup>	DIN EN ISO 527
Water vapour resistance μ	appr. 60000	-	DIN 52615
Linear heat expansion coefficient	1,5 x 10 <sup>-4</sup>	1/K	Leitz-Dilatometer
Thermal conductivity	appr. 0.16	W/mK	at 20°C
Emissivity ε	97	%	ISO 10292 annex A
Film type	203/31		
Material	Rigid PVC		
Colour	Isogenopak®-grey (close to RAL 7035/7047) 75/7900-281		
Isogenopak® meets the requirements of DIN EN 15701			

### **Reaction to fire classification**

**CL-s3, d0** acc. EN 13501-1:2007 + A1:2009

- Swedish Technical Approval SC0073-15
- Jacketing on Euroclass A1<sub>L</sub> or A2<sub>L</sub> –s2,d0 mineral wool products
- Fixing with plastic push in rivets or solution welding compound

### **Supply dimension**

Thickness: 0,35 mm	Width: 1.400 mm	Length: 25 m
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### **Installation notes**

- Attach with plastic rivets spaced approx. 20 cm apart or solvent-based adhesive.
- Isogenopak® is not recommended for outdoor use (UV exposure).

**Customs tariff number: 39 20 49 10**

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