

Technical Data Sheet

EKAFOL insulation jacketing

Material:	Rigid PVC (Polyvinylchlorid)
Description:	Calandered rigid PVC rigid film with inherent curl, flame retardant according to DIN 4102: class B2
Optical properties:	Surface: glossy / silky matt Colour: light grey
Width:	1.000 mm
Thickness:	0,35 mm acc. DIN 53370
Roll Length:	25 m
Tensile impact strength:	≥ 400 kJ/m ² acc. DIN EN ISO 8256
Moisture resistance factor μ :	Approx. 60.000 acc. DIN 52615
Tensile strength:	> 35 N/mm ² acc. DIN EN ISO 527
Modulus of elasticity:	app. 1.800 N/mm ² acc. DIN EN ISO 527
Linear heat expansion coefficient:	0,9 x 10 ⁻⁴ 1/K (Leitz Dilatometer)
Emissivity ϵ :	0,97
Calorific value:	Approx. 2,8 kWh/m ² acc. DIN 51900/1+3
Delivery form:	in rolls, on cardboard cores or as cut sheets (end product for the pipe insulation): Circumference 160-810 mm
Application temperature:	-20 to +50 °C (according to the Standard DIN 4140)
Other characteristics:	not UV-resistant
Physiological properties:	Physiologically safe in technical applications, including food processing operations

Tips:

Color divergences between foil, form parts and adhesive tape are possible.

The information in this data sheet is based on our topical knowledge, experiences, as well as information of the manufacturer. The sheet does not contain a bill of sale or an assurance. No representation of warranty is made for specific product properties or concrete applications. All applicable current standards must be observed and followed. This document will supersede all previous data sheets.

06.2013

