

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.

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