

PRODUCT DATASHEET



Icerock Ductwrap

Icerock Ductwrap consists of high quality mineral fibre rolls, faced with reinforced aluminium foil.

Thermal and acoustic insulation for air conditioning, warm air and extract ducts, used in the internal and external environment, within plant rooms and boiler houses. Also used for insulation of water storage and expansion tanks. Icerock Ductwrap is also used as an infill material in the manufacture of Fabric Covered Flexible Insulation Jackets which are used to insulate valves, flanges & other items of equipment of HVAC & Industrial plant.

The limiting temperature of the fibre is more than +1000°C but the rolls should not be used where temperatures are continuously above +250°C.

Nominal Density 40 - 45 kg/m³
Package Type Shrink wrap Polythene

DIMENSIONS		
WIDTH X LENGTH		THICKNESS
900 x 10000 mm		25 mm
900 x 8500 mm		40 mm
900 x 7500 mm		50 mm
According to EN 822		According to EN 823

PROPERTY	VALUE	ACCORDING TO
DIMENSIONAL STABILITY		
Maximum Service Temperature - Dimensional Stability	NPD	EN 14706

Properties

PROPERTY	VALUE	ACCORDING TO
FIRE PROPERTIES		
Reaction to Fire, Euroclass	A1	EN 13501-1
Continuous Glowing Combustion	NPD	
Combustibility	Non-Combustible	EN ISO 1182:2002, Class 0 according to BS476: part 6 1989 and part 7 1997.
THERMAL PROPERTIES		
Thermal Conductivity in 10 °C, λ_{10}	0.034 W/mK	
Thermal Conductivity in 50 °C, λ_{50}	0.039 W/mK	
Thermal Conductivity in 100 °C, λ_{100}	0.049 W/mK	
Thermal Conductivity in 150 °C, λ_{150}	0.060 W/mK	
Values announced by manufacturer.		

ICEROCK Ductwrap can be used to satisfy the requirements as given in the tables for insulation thickness in BS5422:2023. PAROC can offer help and assistance to customers to confirm that the insulation systems proposed do in fact, achieve the necessary performance criteria.

Appearance

Facing Material	Reinforced aluminium foil
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