

ProRox PS 971 ALU^{UK}

Product description

ProRox PS 971 ALU^{UK} is a pre-formed heavy duty stonewool pipe section with fibreglass reinforced aluminium foil. The sections are supplied split and hinged for easy snap-on assembly, and are especially suitable for the thermal and acoustic insulation of industrial pipe work.

Product properties in accordance with EN 14303:2009+A1:2013

	Performance											Norms	
Thermal conductivity	T _m (°C)	50	100	150	200	250	300	350					EN ISO 8497
	λ (W/mK)	0.040	0.046	0.054	0.064	0.075	0.088	0.106					
Maximum Service Temperature	680 °C The outer foil temperature is restricted to 80 °C.											EN 14707	
Reaction to fire	Euroclass A ₂ -s1,d0											EN 13501-1	
Nominal density	140 kg/m ³											EN 13470	
Water Absorption	< 1 kg/m ²											EN 13472	
	< 20 kg/m ³											BP 172	
Water vapour diffusion resistance	S _d > 200 m											EN 12086	
Air Flow Resistivity	> 80 kPa.s/m ²											EN 29053	
Designation code	MW EN 14303-T9(T8 if D _o <150)-ST(+)-680-WS1-MV2											EN 14303	

Compliance to standards

ProRox PS 971 ALU^{UK} conforms to EN 14303:2009+A1:2013. Thermal insulation products for building equipment and industrial installations. Factory made mineral wool products (MW). Specification and can be used to satisfy BS 5422: "Method for specifying thermal insulating materials for pipes, tanks, vessels, ductwork and equipment operating within the temperature range -40°C to +700°C". They also comply with BP Engineering Standard 172 with regards to water repellency at higher temperatures.

