

SELECTION & SPECIFICATION DATA

Generic Type	PV BLANKET 30 is a flexible fireproof blanket made of rockwool padded on metal mesh and covered with a wired aluminium foil on the outer side and coated with a special fire resistant aluminised fabric on the opposite side.
Description	<p>PV BLANKET 30 is a product designed and developed for the fire protection of metal ventilation ducts (external fires). Pipe protection with the fire blanket, applied in a single layer, provides fire resistance class EI 120 to horizontal ducts and EI 180 to vertical ducts, according to EN 1366-1:2014 +A1:2009.</p> <p>PV BLANKET 30 is specifically designed to guarantee maximum fire protection with the minimum possible weight and thickness.</p>
Color	<p>External: Silver</p> <p>Internal: White</p>
Density	200kg/m ³
Specification	Supply and installation of fireproof blanket for metal ducts PV BLANKET 30, consisting of a flexible blanket composed of rock wool padded on metal mesh, covered by a sheet of aluminium wire on the outer side and covered with a special fire resistant aluminised fabric on the inner side of 30 mm thick and density 200 kg/m ³ , for the protection of metal ventilation ducts EI 120 for horizontal ducts and EI 180 for vertical ducts.

PERFORMANCE DATA

All test data was generated under laboratory conditions. Field testing results may vary.

Test Method	Results
Thermal conductivity	0.036 W/mK at 10°C

APPLICATION PROCEDURES

General	<p>RECTANGULAR SECTION: measure the duct perimeter and increase it by 120mm (30mm on each side) to compensate for the thickness of the blanket + 200mm overlapping of the two sections (Total: duct perimeter + 320mm) and cut the quantity of PV BLANKET 30 necessary to wrap the duct. Wrap the duct with the fire blanket ensuring a 200mm overlap and secure it with the application of 3 metal straps per metre, evenly distributed. For the overlap with another adjoining section of blanket, an overlap of the joint by 150mm and securing it with an additional metal strap is required.</p> <p>CIRCULAR SECTION: measure the circumference of the duct and cut the quantity of PV BLANKET 30 required to wrap the duct with an increase of 200mm for the overlap of the longitudinal joint. Wrap the duct with the fire blanket ensuring a 200mm overlap and secure it with the application of 3 metal straps per metre, evenly distributed. For the overlap with another adjoining section of blanket, an overlap of the joint by 150mm and securing it with an additional metal strap is required.</p> <p>Overlap requirements: Self-self, or same band around ducting - 200mm Adjacent pieces along ducting - 150mm</p>
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PV Blanket 30

PRODUCT DATA SHEET



TESTING / CERTIFICATION / LISTING

EN Standards	ETA 20/0395 in accordance with EAD 350142-00-1106 Test procedure and classification according to EN13501-3; 2005 +A1:2009. Test standard EN 1366-1:2014 +A1:2020 "Fire Resistance tests for service installations. Part 1: Ventilation ducts".
	Ventilation Duct Class EI 120 S Horizontal (rectangular and circular section). EN 1366-1 Class EI 180 S Vertical (rectangular and circular section). EN 1366-1 Kitchen Extraction Duct Class EI 20 S Horizontal (rectangular section). EN 1366-1 Class E 60 S Horizontal (rectangular section). EN 1366-1 Class EI 30 S Horizontal (circular section). EN 1366-1 Class E 60 S Horizontal (circular section). EN 1366-1 Class EI 30 S Vertical (rectangular and circular section). EN 1366-1 Class E 60 S Vertical (rectangular and circular section). EN 1366-1

PACKAGING, HANDLING & STORAGE

Nominal Weight	0.6 kg/m ²
Standard Length	5000 x 1200 x 30mm

WARRANTY

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