



# Protect Black Tape

## U Protect for fire, thermal and acoustic insulation of ventilation and smoke extraction ducts

Protect system is designed to provide fire resistant, an easy to install, lightweight and efficient thermal and acoustic insulation solution in HVAC for circular and rectangular ventilation and smoke extraction ducts up to EI 120. Protect Black Tape is part of ISOVER U Protect fire resistant solution. Installation guidelines must be followed and all ISOVER U Protect components used.



**Fire resistance**



**Fast installation**



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Characteristic	Symbol	Unit	Quantities and measured values	Standard
Application fields	-	-	Protect Black Tape is part of ISOVER U Protect fire resistant solution up to EI120 for ventilation and smoke extraction ducts	EN1366-1 EN1366-8
Material	-	-	Black aluminium tape with special inorganic based glue for excellent adhesion for surfaces	-
Behaviour in fire	-	-	Non combustible, Euroclass A2,-s1,-d0	EN 13501
Operating temperature	T	°C	- 40 to + 130 °C	-
Processing temperature	T	°C	+ 5 to + 30 °C	-
Storage condition	-	-	T + 15 °C to + 30 °C RH < 65 % storage time 12 months	-
Adhesion to steel	-	[N/cm]	10	EN 1939
Tensile strength	-	[N/cm]	13	EN 14410
Elongation at break	-	-	3 %	EN 14410
Water behaviour	-	-	Water resistant	EN 12086
Chemical behaviour	-	-	Free of solvent, PVC, isocyanate and heavy metals	-
Instructions of use	-	-	Surface must be dry and free of dust and grease The use of spatula is highly recommended for full lenght of the tape especially for the ends	-
Quality management	-	-	ISOVER is certified according	EN ISO 14001 EN ISO 9001

Delivery form: Standard dimensions / packaging information		
Width (mm)	Length (m)	Rolls/pack
90	100.00	12

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