



# 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

Passive fire protection system



### FAST INSTALLATION

Thanks to its light weight and high flexibility, it can be installed by one person without any special equipment

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CHARACTERISTIC	SYMBOL	UNIT	QUANTITIES AND DECLARED VALUES	STANDARD
Reaction to fire	-	-	Non combustible, Euroclass A2,-s1,-d0	EN 13501
Tensile strength	-	[N/cm]	13	EN 14410
Chemical behaviour	-	-	Free of solvent, PVC, isocyanate and heavy metals	-
Application field	-	-	Protect Black Tape is part of ISOVER U Protect fire resistant solution up to EI120 for ventilation and smoke extraction ducts	EN 1366-1 EN 1366-8
Material	-	-	Black aluminium tape with special inorganic based glue for excellent adhesion for surfaces	-
Quality management	-	-	ISOVER is certified according to EN ISO 9001 and EN ISO 14001	EN ISO 9001 EN ISO 14001
Water behaviour	-	-	Water resistant	EN 12086
Operating temperature	T	°C	- 40 to + 130 °C	-
Processing temperature	T	°C	+ 5 to + 30 °C	-
Storage conditions	-	-	T + 15 °C to + 30 °C RH < 65 % storage time 12 months	-
Adhesion to steel	-	[N/cm]	10	EN 1939
Instructions for use	-	-	Surface must be dry and free of dust and grease The use of spatula is highly recommended for full length of the tape especially for the ends	-

## DELIVERY FORM: STANDARD DIMENSIONS / PACKAGING INFORMATION\*

WIDTH B [MM]	LENGTH [MM]	ROLLS/PACK
90	100	12

### [www.isover-technical-insulation.com](http://www.isover-technical-insulation.com)

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