

## 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



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 lenght 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

The technical information corresponds to our present state of knowledge and experience at the date of printing (see imprint). But no legal guarantee can be given, unless it has been explicitly agreed. The state of experience and knowledge is developing continuously. Please see to it that you always use the latest edition of this information. The described product applications do not take special circumstances in consideration. Please verify whether our products are appropriate for the concrete application. For further information please contact our Isover sales offices. We deliver only according to our terms of trade and terms of delivery.

SAINT-GOBAIN ISOVER · Tour Saint-Gobain, 12 place de l'Iris · 92096 La Defense Cedex · France

