






U Protect Pipe Section Alu2

U Protect Alu-Faced pipe sections for HVAC, Marine or Industry applications

U Protect pipe solutions provides an easy to install and lightweight efficient solution for thermal and acoustic insulation and fire resistance in HVAC pipe systems, using ULTIMATE mineral wool. ISOVER U Protect pipes provides topclass thermal insulation for hot water and heating pipes and secures the building fire safety for penetrations up to EI 120 according to EN1366-3. Alufacing provides efficient watervapour barrier when intact and seems carefully taped.

U Protect pipe sections are manufactured from inorganic chemically biosoluble materials and do not include anything that would have effect on corrosion and shall not facilitate microbial growth.


- 
Thermal insulation
- 
Fire resistance
- 
Sound insulation
- 
Fast installation



Sustainable system



Check and download our EPD





U Protect Pipe Section Alu2



U Protect Alu-Faced pipe sections for HVAC, Marine or Industry applications

Characteristic	Symbol	Unit	Quantities and measured values						Standard
Application fields	-	-	ISOVER U Protect pipes provides topclass thermal insulation for hot water and heating pipes and secures the building fire safety for penetrations up to EI 120 according to EN1366-3 Alufacing provides efficient watervapour barrier when intact and seems carefully taped						EN1366-3
Thermal conductivity	T	[°C]	10	50	100	150	200	300	EN 12 667
	λ	[W/(m•K)]	0.034	0.037	0.043	0.052	0.062	0.089	
Maximum service temperature	-	[°C]	< 620 °C (tape and alu-facing 80 °C)						EN 14706
Melting point	-	[°C]	> 1,000 °C						-
Behaviour in fire	-	-	Non-combustible, Euroclass A2L-s1,d0						EN 13501-1
Fire resistance	-	-	EI90/120						EN 1366-3 DIN 4102
Water behaviour	-	-	Hydrophobic						EN 12086
Chemical behaviour	-	-	Silicone-free, Sulphide-free						AGI Q 132
CE marking	-	-	MW-EN14303-T8-ST(+620-MV2-CL10 MW-EN14303-T9-ST(+620-MV2 -CL10						EN 14303
Quality management	-	-	ISOVER is certified according to						EN ISO 14001 EN ISO 9001 VDI 2055

Delivery form: Standard dimensions / packaging information*																									
Length l [mm]	Thickness d [mm]	Pipe inside diameter \varnothing [mm]																							
		15	18	22	28	35	42	48	54	57	60	64	70	76	89	102	108	114	133	140	159	168	219	273	
1200	20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	40	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	50	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	70	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	80	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	100	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	120	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Pipe Sections are alu-faced, slit open from one side and equipped with tape closure - further information on demand
* check availability and delivery details from your local ISOVER supplier

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.

