

ISOCOVER

ISOCOVER is a special insulation protection covering against UV Radiation and mechanical damages.

- **Highly effective and strong adhesive cover** in 1 meter width and 10m and 25m length.
- **Ideal for confined working areas** and for already installed pipe systems, where insulation cannot be threaded and must be clamped around existing pipes.
- Available in **SOLAR, HP, UV PLUS & HEAVY DUTY (HD)**.



ISOCOVER UV PLUS Pet-Al-Pe

Layers

12 µm PET Film
Adhesive
12 µm Alufoil
Adhesive
75 µm HD/ LLDPE Film, White
Self Adhesive
Release Liner, Yellow

Properties	Technical Data	TEST Methods
Approximate Weight	125 g/m ²	EN 22 286
Thickness Total (without release liner)	254 µm	
Thickness ISOCOVER	99 µm	
Thickness Adhesive	70 µm Liner Thickness: +85 µm	
Tensile Strength	MD 65 N/50 mm XD 70 N/50 mm	ISO 527-3
Elongation	MD 35% XD 40%	DIN 53 354
Tear Strength	MD 40 N XD 40 N	DIN 53 363
Water Vapour Transmission (WVP)	<0.02 g/m ² / 24h	DIN 53 122
Upper Working Temperature (°C)	+100°C	AA - B - 12 - 07
Lower Working Temperature (°C)	-40°C	AA - B - 12 - 07
Adhesive Weight	70 g/m ²	DIN 55531
Adhesive Strength (based on AFERA 5001)	min 22 N/25 mm	

ISOCOVER

HEAVY DUTY Pet-AI-PVC

Layers

UV Protection
Adhesive
Aluminum, Glossy
Adhesive
PVC, Fire Retardant
Adhesive Tape

Properties	Technical Data	TEST Methods
Total Weight	340g/m ²	EN 22 286
Thickness Total	375 µm	
Thickness ISOCOVER	230 µm	
Thickness Adhesive Liner Thickness +85 µm	60 µm	
Tensile Strength	MD 200 N/15 mm CD 175 N/15 mm	ISO 527-3
Elongation	MD 48% CD 51%	ISO 527-3
Tear Strength	MD 70 N CD 28 N	ISO 527-3
Puncture Ø 0.8 mm	23 N	prEN 14 477
Puncture Ø 0.3 mm	87 N	prEN 14 477
Nail Tear Strength	MD 50 N CD 42 N	EN 12310 - 1
Limited Oxygen Indication (LOI)	35.5% O ₂	ASTM D 2863-77, ISO 4589
UV - Light Resistance Testing	70 g/m ²	ASTM G 26A, ISO 4892-2
Water Vapor Transmission Rate (WVTR)	<0.028 g/m ² /d	ASTM F1249, ISO 15106-2
Sd Value	>1.500 m	
Emission Ratio Approximately	94%	
Temperature Resistance (°C)	-25°C to +75°C	
Fire Classes (Covering)	Class 0	BS 476 pt. 6, pt. 7
Radiant Panel Index	0.50	ASTM E162-02e
Flaming Mode 1.5 min	1	ASTM E662-03
Flaming Mode 4 min	3	ASTM E662-03
Non - Flaming Mode 1.5 min	0	ASTM E662-03
Non - Flaming Mode 4 min	0	ASTM E662-03

The mentioned values are these which have been measured in our laboratory, under typical conditions. They can be modified without prior notice. You are kindly requested to assert their validity before any special use.

ISOPIPE® S.A.

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