



CLIMLINER Roll G1

Interior Insulation for Metal Ducts

Roll of ISOVER **arena** mineral wool, covered on one face with a reinforced glass neto fabric, with high mechanical resistance. Black. Because of its optimal acoustic and thermal properties as well as its superior mechanical resistance, CLIMLINER Roll G1 meets the highest standards in fire safety and it is the ideal solution for insulating the interior of: Networks of self-supporting air-distribution ducts in thermal installations within air-conditioning systems in buildings.

Technical Properties

Symbol	Parameter	Icon	Units	Value	Standard
λ_d	Thermal conductivity declared as a function of temperature		W/m·K (°C)	0,032 (10)	EN 12667 EN 12939
				0,034 (20)	
				0,037 (40)	
				0,040 (60)	
AF _n	Air flow resistance		kPa·s/m²	> 5	EN 29053
—	Reaction to fire		Euroclass	A2-s1, d0	EN 13501-1 EN 15715

Thickness d (mm)	Weighted acoustic absorption coefficient, AW α_{w}	Acoustic absorption class	Designation code
EN 823	EN ISO 354 EN ISO 11654	UNE EN ISO 11654	EN 14303
25	0,50	D	MW-EN 14303-T2
40	0,75	C	

Acoustic trials without plenum: AC3-D4-97-11/CTA 230/07/REV-2

Thickness d, mm	Frequency (Hz)					
	125	250	500	1000	2000	4000
25	0,05	0,25	0,50	0,75	0,90	0,90
40	0,10	0,45	0,90	1,00	0,95	0,90

Presentation

Thickness d (mm)	Length l (m)	Width b (m)	m²/package	m²/pallet	m²/truck load
25	20	1,20	24,00	288	5.184
40	10	1,20	12,00	144	2.592



Advantages

- **CLIMLINER Roll G1** provides maximum protection in case of fire.
- High sound absorption and attenuation indices prevent noise emissions and offer optimal acoustic ambient quality and comfort class.
- Guaranteed resistance to the most aggressive cleaning methods thanks to its exclusive Neto fabric internal lining, in accordance with UNE 100012.
- It functions with circulating air temperatures up to 120°C.
- Easy to handle and cut without risk of breaking.
- Easy to install using U-profiles.
- Possibility to install by mechanical means or by contact adhesive.
- Inert material, inhospitable for micro-organisms.
- Sustainable product with a composition of more than 50% recycled material. 100% recyclable material.



Certificates



Installation Guide

Consult the assembly conditions for sheet-metal duct insulation solutions using **CLIMLINER** as well as the general installation recommendations.

Additional information available at: www.isover.es



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