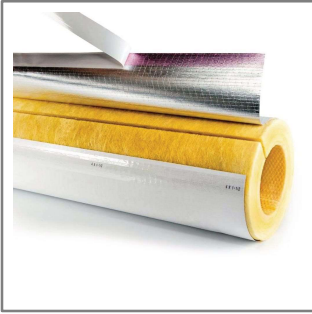




PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

FIBERGLAS™ PIPE INSULATION






For Product from Mexico City, Mexico, Plant



Owens Corning® Fiberglas™ Pipe Insulation is molded out of heavy density resin bonded inorganic glass fibers that come in one-piece, 36" (914 mm) long, hinged sections. The insulation is tailored to fit copper, iron, and PVC pipe applications. It is available in ASJ (All Service Jacket), FSK (Foil Scrim Kraft), and unjacketed (No Wrap) versions. ASJ and FSK jackets are factory-applied using a self-sealing SSLII® adhesive lap. For diameters ≥ 18 inches, SSLI® adhesive lap is used.

Declared/Functional Unit

1 m of pipe insulation material

						
	Global Warming Potential Embodied Carbon	Ozone Depletion Potential	Smog Formation Potential	Acidification Potential	Eutrophication Potential	Depletion of Abiotic Resources (Fossil Fuels)
	kg CO ₂ eq.	kg CFC 11 eq.	kg O ₃ eq.	kg SO ₂ eq.	kg N eq.	MJ
Fiberglas™ Pipe Insulation						
A1- A3	1.90	4.66 x 10 ⁻⁸	0.129	0.00673	0.00100	29.8
Insulation Total A1-A5, C1-C4	2.02	4.79 x 10 ⁻⁸	0.135	0.00697	0.00102	31.0
SSLI® Adhesive						
A1- A3	0.0177	3.43 x 10 ⁻¹⁰	0.00135	8.16 x 10 ⁻⁵	2.45 x 10 ⁻⁵	0.263
Adhesive Total A1-A5, C1-C4	0.0185	3.55 x 10 ⁻¹⁰	0.00148	8.59 x 10 ⁻⁵	2.48 x 10 ⁻⁵	0.274
SSLII® Adhesive						
A1- A3	0.0160	3.98 x 10 ⁻¹⁰	0.00103	6.41 x 10 ⁻⁵	1.93 x 10 ⁻⁵	0.267
Adhesive Total A1-A5, C1-C4	0.0165	4.05 x 10 ⁻¹⁰	0.00110	6.64 x 10 ⁻⁵	1.95 x 10 ⁻⁵	0.272
ASJ Max Jacket (per m²)						
A1- A3	0.767	1.10 x 10 ⁻⁸	0.0508	0.00395	0.000385	10.2
Jacket Total A1-A5, C1-C4	0.780	1.12 x 10 ⁻⁸	0.0529	0.00402	0.000390	10.4
FSK Jacket (per m²)						
A1- A3	0.554	5.76 x 10 ⁻⁹	0.0373	0.00300	0.000295	6.23
Jacket Total A1-A5, C1-C4	0.565	5.91 x 10 ⁻⁹	0.0380	0.00303	0.000296	6.38

Reference Service Life	75 years
Validity Period	June 25, 2025 – June 24, 2030
Data Verification	✓ 3 rd Party reviewed Life Cycle Assessment (LCA) ✓ 3 rd party verified Environmental Product Declaration (EPD)
LCA Software	SimaPro 9.6.0.0
LCIA Methodology	TRACI 2.1 v1.09; CML I-A baseline v4.7; IPCC (2013)
LCI Database	ecoinvent 3.10.0
Manufacturing Location(s)	Mexico City, Mexico

For the full EPD, visit <https://www.owenscorning.com/dms/10019978>

For additional product information, visit <https://www.owenscorning.com/en-us/insulation>

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