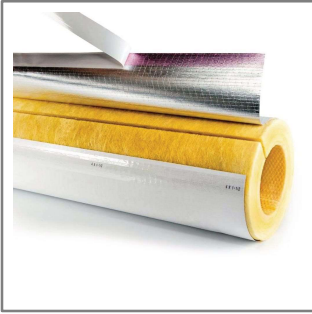




PRODUCT ENVIRONMENTAL FOOTPRINT SUMMARY

FIBERGLAS™ PIPE INSULATION




For Product from Newark, Ohio, 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 with ASJ Max Jacketing, secured with SSLII® or SSLI® adhesive, or without a jacket (No Wrap).

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	2.67	5.22 x 10 ⁻⁸	0.139	0.00966	0.00178	34.5
Insulation Total A1-A5, C1-C4	2.79	5.35 x 10 ⁻⁸	0.145	0.00989	0.00179	35.7
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

Reference Service Life	75 years
Validity Period	June 25, 2025 – June 24, 2030
Data Verification	<ul style="list-style-type: none"> ✓ 3rd Party reviewed Life Cycle Assessment (LCA) ✓ 3rd 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)	Newark, Ohio, USA

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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