



InsulGuard™ Unfaced Water Heater Insulation Thermal and Acoustical Insulation

Product Data Sheet



Description

Owens Corning™ InsulGuard™ Unfaced Water Heater Insulation is designed specifically for residential and commercial water heater applications. InsulGuard™ Unfaced Insulation is ideal for either gas or electric water heater applications where high temperature requirements are necessary with limited space availability. Owens Corning™ InsulGuard™ Unfaced Insulation is offered in a wide range of thicknesses between 3/8" and 1" and can be used in operating temperatures up to 1000°F. InsulGuard™ Unfaced Water Heater Insulation is a lightweight, flexible product providing ease of handling in both fabricating and installation.

Key Features

- Thin insulation offers an option for areas where high-temp insulation is required in narrow spaces

Thermal Conductivity

Owens Corning™ InsulGuard™ Unfaced Water Heater Insulation

Thickness ¹ (Inches)	Nominal K value [BTU-in/(hr.ft ² °F)]		Nominal K. W/mK	
	75°F	300°F	23°C	49°C
0.375, 0.500	0.22	0.30	0.032	0.044
0.625, 0.750, 1.000	0.22	0.29	0.032	0.044

1. Thickness value is nominal. Product control is on thermal conductivity.

- Manufactured without formaldehyde
- User friendly fibers result in less dust levels and less itch and irritation for installers in comparison to binder based products
- Up to 1000°F operating temperatures for unfaced insulation
- Improved K allows thinner insulation to provide same R-value
- Certified high recycled content 53%

- Gaskets
- Chamber Wraps
- Thermal Panels

Availability

Owens Corning™ InsulGuard™ Unfaced Water Heater Insulation offers a broad range of thickness options below 1". Products are available in numerous thicknesses; minimum 3/8" up to 1" in 1/8" increments. Foil and multiple other facings may be available upon request.

Product Applications

Owens Corning™ InsulGuard™ Unfaced Water Heater Insulation is a unique and proprietary blend of fiber sciences and manufacturing technology resulting in a product with excellent thermal performance for use with both gas and electric water heaters.

- Insulation for Residential Water Heaters
- Insulation for Commercial Water Heaters
- Foam Stops
- Tank Insulation





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Standards, Codes Compliance

- Owens Corning™ InsulGuard™ Unfaced Water Heater Insulation is non-corrosive to steel (per ASTM C665)
- Owens Corning™ InsulGuard™ Unfaced Water Heater Insulation has flame spread/ smoke developed indices less than 25/50 per ASTM E84/UL 723 (Unfaced Owens Corning™ InsulGuard™ Unfaced Water Heater Insulation is UL listed)
- Owens Corning™ InsulGuard™ Unfaced Water Heater Insulation has an operating temperature up to 1000°F (538°C) for unfaced materials (per ASTM C411).
- For additional information, refer to: Material Safety Data Sheet (MSDS) found on the MSDS vault via www.owenscorning.com

Certifications and Sustainable Features of Owens Corning™ InsulGuard™ Unfaced Water Heater Insulation

- Certified by SCS Global Services to contain a minimum of 53% recycled glass content, 31% pre-consumer and 22% post-consumer.
- Certified to meet indoor air quality standards under the stringent GREENGUARD Indoor Air Quality Certification Program, and the GREENGUARD Gold Certification.

Environmental and Sustainability

Owens Corning is a worldwide leader in building material systems, insulation and composite solutions, delivering a broad range of high-quality products and services. Owens Corning is committed to driving sustainability by delivering solutions, transforming markets and enhancing lives. More information can be found at: <http://sustainability.owenscorning.com>

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SCS Global Services provides independent verification of recycled content in building materials and verifies recycled content claims made by manufacturers. For more information, visit www.SCSglobalservices.com.

GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg.



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