



PINK® PIPE GEL FG (FOOD GRADE)



Description

Owens Corning® PINK® Pipe Gel FG is a food-grade, non-drying compound engineered to deliver outstanding corrosion protection and thermal stability in demanding mechanical piping environments. It is formulated for use as part of an insulation system across a broad range of applications – including piping, tanks, vessels, and valve assemblies – under broad temperature ranges.

PINK® Pipe Gel FG repels moisture, forming a durable, non-skimming barrier that helps protect against air and water ingress. Its non-toxic, non-hazardous composition makes it suitable for sensitive environments, including food processing facilities.

Designed for optimal adhesion to metal surfaces, PINK® Pipe Gel FG remains pliable even at temperatures as low as -75°F (-60°C), for reliable performance in harsh conditions. Its high-visibility formulation aids in application accuracy and coverage verification.

Type of Delivery and Storage

- 5-gallon pail (38 lbs)
- Store and transport in a dry and clean indoor area between 0°F (-18°C) and 110°F (43°C)

Field Application

Always read and understand the information contained within the product datasheet and safety datasheet before attempting to use this product. If you have questions regarding fitness for use of this product for an application, consult Owens Corning.

PINK® Pipe Gel FG is applied directly to mechanical components by brush or nitrile glove.

Personal Protective Equipment: Consult SDS for PPE recommendations on eye/face protection, skin and body protection, respiratory protection, and general hygiene considerations.

Substrate Preparation: All surfaces should be clean and dry and free of heavy rust and loose scale. PINK® Pipe Gel FG can be applied to carbon steel and copper piping.

Additional Considerations: Facilitate application at low temperature by storing containers before use above 20°F. Any separated oil should be blended back into the compound by hand-mixing.

Application Guidelines: Apply the product liberally and evenly over the metallic surface of the insulated component until the metal is completely covered and no longer visible. The product may be applied using a brush or a nitrile glove. Refer to Owens Corning insulation system specifications for detailed application guidance, considering the typical environmental conditions to which the pipe may be exposed. Avoid applying more than the recommended coverage, as excess material will prevent insulation sections from fitting the pipe as designed.

Coverage: Flat surface coverage (brush applied).

- 80 sq ft/gallon (0.5 mm/20 mil thickness)
- 55 sq ft/gallon (0.75 mm/30 mil thickness)
- 40 sq ft/gallon (1 mm/40 mil thickness)

Cleanup and Disposal: Remove any excess PINK® Pipe Gel FG from surfaces by wiping thoroughly. Residue can be cleaned using hot water and common degreasing agents, such as dish soap. Dispose of leftover material in the same manner as used oil or grease, following all applicable local, state, and federal regulations.

Typical Properties

| PROPERTY | TEST METHOD | SI | ENGLISH |
|--------------------------------------|-------------|--|-------------|
| Color | | | Pink |
| Corrosion Protection | ASTM D610 | Grade 10, No corrosion observed after B117 salt spray exposure | |
| Density @ 60°F | ASTM D 4052 | 0.9347 g/mL | 7.85 lb/gal |
| Food Grade | | H1 Lubricant complies with 21 CFR 178.3570 | |
| Application Temperature Surface Min. | | -60°C | -75°F |
| Service Temperature ¹ | | | |
| Maximum | | 150°C | 300°F |
| Minimum | | -85°C | -120°F |

¹ Service temperature limits are derived from laboratory evaluation of the product under conditions that simulate real world applications. Variations in substrates, loading conditions, or other external factors not explicitly covered by our guide specifications may further limit service temperature. Always follow the appropriate Owens Corning guide specifications, product datasheets, and application instructions for suitability for use recommendations for specific applications.

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