

PITTWRAP[®] CF BUTTSTRIP

Product Datasheet

FOAMGLAS[®]

Pittsburgh Corning

1. Description and Area of Application

PITTWRAP[®] CF Buttstrip is a tri-directionally reinforced, multi-layer laminate facing tape coated with a cold-weather acrylic pressure-sensitive adhesive. PITTWRAP[®] CF Buttstrip designed as a self-adhesive butt strip system for sealing butt joints of PITTWRAP[®] CF jacketed FOAMGLAS[®] pipe insulation.

2. Field Application

Always read and understand information contained within product datasheets and safety datasheets before attempting to use this product. If you have questions regarding fitness of use of this product for a particular application, consult Pittsburgh Corning.

Cellular Glass Application Guidelines

Scissors or a sharp utility knife can be used to cut PITTWRAP[®] CF Buttstrip. Work can be carried out during weather conditions normal to construction. To determine the proper butt strip length, measure the circumference of the jacketed pipe insulation and add 51mm (2 inches) to that measurement to ensure sufficient overlap.

All surfaces should be dry and free of dust, loose scale, oil, grease and frost.

Apply the PITTWRAP[®] CF Buttstrip directly over the joint between two butted sections of PITTWRAP[®] CF jacketed FOAMGLAS[®] pipe insulation removing the release paper as you go.

Apply even pressure to butt strip to avoid puckering. Use a rubber roller to ensure sufficient bonding.

Clean up and Disposal

Dispose of excess material, release film and packaging in accordance with local, state and federal regulations.

3. Type of Delivery and Storage

- Rolls: 72 mm x 45.7 m (2.8 in. x 150 ft), 6 Rolls per Box Weight approx. 3.9 kg (8.7 lb)
- Stored on end, under cover and protected from mechanical damage.
- Store away from ignition sources.
- Consult Safety Datasheet for additional storage and handling information.

4. Coverage

Standard application of jacketing to FOAMGLAS® insulation:

The required amount of jacketing for a section of insulated pipe can be calculated as follows:

- Required buttstrip length L

$$\text{Equation 1, SI, metric Units} \quad L = \pi (d + 2 t) + 51$$

$$\text{Equation 2, Imperial Units} \quad L = \pi (d + 2 t) + 2$$

Where d = actual pipe diameter in mm or inches and t = insulation thickness in mm or inches.

Figures DO NOT include losses or butt strips.

5. Typical Properties

PROPERTY ^A	METHOD	SI	ENGLISH
COLOR			White
THICKNESS, TOTAL LAMINATE – RELEASE PAPER	ASTM D1777	0.09 mm	3.6 mil
APPLICATION TEMPERATURE, MINIMUM		10 °C	50 °F
SERVICE TEMPERATURE ^B			
MAXIMUM		104 °C	220 °F
MINIMUM		-40 °C	-40 °F
PEEL ADHESION ^C	PSTC-101	13.9 N / 25 mm	50 oz / in.
SHEAR ADHESION (AFTER 24 HRS)	PSTC-107	15.2 kPa	2.2 psi
TENSILE STRENGTH	PSTC-131	≥ 5.25 kN / m	≥ 30 lb / in.
ELONGATION	PSTC-131		5%
PERMEANCE	ASTM E96	1.1 ng / Pa·s·m ²	0.02 perm

^A Properties are subject to change. Consult Pittsburgh Corning.

^B Service temperature limits are derived from laboratory evaluation of the product. Variations in substrates, loading conditions, or other external factors may further limit service temperature. Always consult Pittsburgh Corning FOAMGLAS® Insulation System Specification for suitability for use recommendations for a specific application.

^C20 minute dwell

6. Limitations

- DO NOT use below ground.
- DO NOT use outdoors without protective cladding or in areas where it can be exposed to UV radiation.
- DO NOT use where jacketing will be exposed to hydrocarbons.

The information contained herein is accurate and reliable to the best of our knowledge. But, because Pittsburgh Corning Corporation has no control over installation workmanship, accessory materials or conditions of application, NO EXPRESSED OR IMPLIED WARRANTY OF ANY KIND, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, IS MADE as to the performance of an installation containing Pittsburgh Corning products. In no event shall Pittsburgh Corning be liable for any damages arising because of product failure, whether incidental, special, consequential or punitive, regardless of the theory of liability upon which any such damages are claimed. Pittsburgh Corning Corporation provides written warranties for many of its products, and such warranties take precedence over the statements contained herein.

Pittsburgh Corning Corporation

To contact by phone or email:

Global Industry Headquarters
800 Presque Isle Drive
Pittsburgh, PA 15239 USA

For web-based Sales and Technical
Service inquiries, please visit
www.foamglas.com.

Industrial & Commercial Sales

Americas

+1 724 327 6100

+1 800 545 5001

Asia-Pacific

Singapore: + 65 9635 9184

China: +86 (0) 21 6140 8002

Japan: + 81 50 7554 0248

Europe, Middle East & Africa

+32 13 661 721

Technical Services

Americas & Asia Pacific

+1 800 327 6126

Foamglastechnical@pghcorning.com

Europe, Middle East & Africa

+32 13 611 468

Industrytechnical@foamglas.com