# PC® FABRIC 79
## PRODUCT DATASHEET

## Description and Area of Application

PC® Fabric 79 is an open mesh, synthetic fabric for reinforcing coatings applied over FOAMGLAS® insulation.


The large mesh openings allow the coating to easily penetrate and bond to the insulation and fabric. The thickness of the fabric assures that the proper thickness of the coating is applied and gives the required strength.

The high elongation accommodates large and mechanical movements without rupture and allows maximum movement of the coating.

## 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 an application, consult Pittsburgh Corning LLC.

**Substrate Preparation**
The FOAMGLAS® insulation surface should be dry, free of frost, oil and grease.

**Cellular Glass Application Guidelines**
PC® Fabric 79 is cut to fit piping, vessel or shape, allowing a minimum of 5 to 8 cm (2 to 3 in.) overlap at all seams.

Fabric should be cut to fit closely without wrinkles. Scissors or shears are recommended for cutting.

Follow instructions on the Product Datasheet for the specific coating to be used.

PC® Fabric 79 should not be exposed after second application of wet coating, but the profile of fabric pattern may be visible in dried coating.

**Clean up and Disposal**
Dispose of excess fabric in accordance with local, state and federal regulations.

## Type of Delivery and Storage

- Rolls: 1 x 45.7 m (39.4 in. x 50 yards)
- Weight per roll 3.9 ± 0.6 kg (8.7 ± 1.3 lb)
- Store in a dry location.
- Consult Safety Datasheet for additional storage and handling information.

## Coverage

**Standard application of coating to FOAMGLAS® insulation:**

- Roll: Will cover approximately 42 $m^2$ (452 $ft^2$)
- Required number of rolls, N, of PC® Fabric 79:

Equation 1: SI, Metric Units, N = 1.08 • A ÷ 45.7
Equation 2: Imperial units, N = 1.08 • A ÷ 492
Where A is the actual surface area to be covered in $m^2$ or $ft^2$ .

- All figures exclude losses.

## Typical Properties

| PROPERTY[A] | METHOD | SI | ENGLISH |
|---|---|---|---|
| Color | | White | |
| Composition | | 100% Polyester | |
| Mesh Density | | 2.4 x 2.0 / cm | 6 x 5.5 / in. |
| Mesh Opening (width) | | 3.18 mm | 0.125 in. |
| Thickness, Nominal | | 0.67 ± 0.13 mm | 0.026 ± 0.005 in. |
| Strength, Minimum | Ball Burst | 7.0 kg / $cm^2$ | 100 psi |
| Weight, Nominal | | 94.3 ± 14.2 g / $m^2$ | 2.78 ± 0.42 oz / $yd^2$ |
| Reaction to Fire | | Combustible | |

[A] Properties are subject to change. Consult Pittsburgh Corning LLC.

## Limitations

- Refer to product data sheet of approved coatings for service limitations.



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