



TECHNICAL DATA SHEET

Product: PVC Foam

Product No: 40100208001100, 401002080011001, 40100208002100, 401002080021001, 40100208003100, 401002080031001, 40100208001075, 40100208002075, 40100208001050, 40100208002050

Trade Name: Closed Cell, Cross-Linked PVC Foam

Supplier: Fiberlay Inc.
24 S. Idaho St
Seattle, WA 98134
(206) 782-0660

ORCA PVC is a closed cell, cross-linked PVC foam. It provides superior strength to weight ratio for all composite applications. Other key features of ORCA PVC include outstanding chemical resistance, negligible water absorption, and excellent thermal insulation capabilities. It is compatible with most common resin systems including epoxy, polyester and vinyl ester.

BENEFITS AND FEATURES:

- Superior strength and stiffness-to-weight ratio
- Excellent mechanical properties
- Excellent thermal insulation capabilities
- Self-Extinguishing
- Negligible water absorption
- Withstands high process temperatures
- Good adhesion
- Outstanding chemical resistance
- Compatible with Polyester, Vinyl Ester and Epoxy Resins

APPLICATIONS:

- Marine (Leisure, Military and Commercial)
- Transportation
- Wind energy
- Civil Engineering and Architectural
- Aircraft
- General Industrial
- Sporting Goods

- Applicable processing techniques:
- Vacuum Infusion
 - Resin Infusion
 - Contact Molding
 - RTM

Type	Average Density	Sheet Sizes
PVC 40	2.5 lb/ft ² or 40 kg/m ²	52.3" x 112.2" = 40.75 ft ² /Sheet
PVC 60	3.8 lb/ft ² or 60 kg/m ²	45.2" x 96.4" = 30.25 ft ² /Sheet
PVC 80	5.0 lb/ft ² or 80 kg/m ²	40.1" x 85.8" = 23.89 ft ² /Sheet
PVC 100	6.3 lb/ft ² or 100 kg/m ²	37.4" x 80.7" = 20.95 ft ² /Sheet
PVC 130	8.1 lb/ft ² or 130 kg/m ²	33.4" x 74.8" = 17.34 ft ² /Sheet
PVC 200	12.5 lb/ft ² or 200 kg/m ²	29.5" x 63.0" = 12.90 ft ² /Sheet
PVC HT 60	3.8 lb/ft ² or 60 kg/m ²	45.2" x 96.4" = 30.25 ft ² /Sheet
PVC HT 80	5.0 lb/ft ² or 80 kg/m ²	40.1" x 85.8" = 23.89 ft ² /Sheet

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