



Perimeter Backer Rod for the Glazing Industry

TECHNICAL DATA SHEET OPEN CELL POLYURETHANE

1. **Product Name:** PeriBack
2. **Product Description:** Per ASTM C 1330 type O; PeriBack is a non-gassing backer rod used as a backing for elastomeric and other applied caulking sealants. PeriBack controls the depth of applied sealants.
Specific Uses: For use at perimeter joints in building substrates and glazing systems such as storefronts, curtain wall, windows and window wall assemblies.
Both hot and cold applied sealants can be used with PeriBack per ASTM-D-5249-95. Open cell PeriBack has the advantage of allowing air to reach both sides of the sealant offering a faster and more uniform cure. This is especially true for one-part, non-sag sealants.
3. **Composition and Material:** PeriBack is a continuous length of flexible, fabricated open cell polyurethane foam; black in color and available in a wide range of sizes listed in Section 8 under available sizes.
4. **Installation:** PeriBack should be installed in construction joints free from all contaminants, loose materials, dry and free from frost and excessive moisture. Install under minimum 25%, maximum 80% compression to offer a good tooling base. Systems can be installed without the fear of out-gassing associated with polyethylene closed cell backer rods. Refer to Sealant manufacturers qualifications for additional limitations.
5. **Compatibility:** PeriBack is chemically inert and will resist oil, gasoline and most solvents. Material is odorless and will not stain. Open cell construction eliminates the outgassing and cold flow problems associated with closed cell polyethylene backer rods.



6. Physical Properties:

PHYSICAL PROPERTIES		
PROPERTY	VALUE	ASTM TEST METHOD
Density (Normal)	1.7 pcf.	D 1622
Outgassing	NONE	C 1253
Compression Recovery	>90	D5249
Tensile Strength (PSI)	25 psi	D 163
Temperature Range	-60F - +500F	D5249
Auto Ignition	700F – 800F	
Water Absorption	<0.107g/cm3	C1016-Proc.B
Air Flow	90%	D3574

7. Available sizes:

PART NUMBER	SIZE	ROLL LENGTH	PACKAGE SIZE
SF4.5	3 7/8" x 1 1/8"	25 LINEAR FEET	4 ROLLS PER PKG.
SF6.0	5 3/8" x 1 1/8"	25 LINEAR FEET	4 ROLLS PER PKG.
SF6.25	5 7/8" x 1 1/8"	25 LINEAR FEET	4 ROLLS PER PKG.
PER3.0	3" x 1 1/8"	25 LINEAR FEET	4 ROLLS PER PKG.
PER4.25	4 1/4" x 1 1/8"	25 LINEAR FEET	4 ROLLS PER PKG.
PER5.25	5 1/4" x 1 1/8"	25 LINEAR FEET	4 ROLLS PER PKG.

8. INSULATION PROPERTIES: PeriBack open cell polyurethane components provide incredible insulation values. R-values for PeriBack have been independently tested and have a 3.68 R-Value per inch of product. R-Values range from 11.0 to 19.32.

9. Limitations: Refer to Sealant manufacturers' limits and qualifications. The same limits and qualifications shall apply to PeriBack.

10. Warranty: Unless otherwise agreed to in writing, PeriBack is sold without warranty, express or implied. Buyers must make their own determination as to the suitability of the product and their application.