

POLYSHIELD TRIPLEX® PRODUCT DATA SHEET & SPECIFICATIONS



PRODUCT	Triplex Crawlspace S
	PolyWhite / Bubbles / Metalized Foil / EPE Foam / Bubbles / Metalized Foil
	Two layers of 2/5" durable, extra-large air bubble film with a core of 1/5" EPE foam, laminated with two layers of reflective metalized film and layer of white barrier polyethylene.
Contact Temperature Range	-60°F to 180°F (-51°C to 82°C)
Thickness	1" nominal
Emittance (Metalized Side)	E=5%
Water Vapor Transmission	.02 perms ASTM E96
Puncture Resistance	60lbs / in
Tensile Stress (kPa)	TD:3123 / MD:3073
Tear Strength (kN/m)	TD:78.09 / MD:76.83
Pliability	No Cracking
Linear Shrinkage	None
Mold and Mildew	No Growth
Flame Spread	20 ASTM E84-08
Smoke Development	120 ASTM E84-08
Fire Rating	Class A / Class 1
POLYSHIELD® R-VALUES	Triplex Crawlspace S
Crawlspace Under Flooring***	R-37
Wall – Basement Masonry**	R-10.0

** At least 1" of dead air space on one or both sides of material.
 *** At least 6" of dead air space on one or both sides of material.

Cavity R-values per the requirements of FTC 16 CFR Part 460 for intended applications for 50°F, with a temperature differential of 30°F. The R-value for Heat Flow Horizontal is for a block wall assembly, as is common for a basement or garage, installed with 1x4 furring strips on one side. Please contact us if you need the R-value for your specific assembly or system.

The R-Value of an enclosed reflective airspace is factored in accordance with the ASHRAE Handbook of Fundamentals, Chapter 26, Table 3 or the ASHRAE 90.1 - 2016 Section A9-4 (or addendum ac to the 2013 edition) or ASTM C1224.

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