

PRODUCT DATA SHEET

TRIPLEX CRAWL SPACE SPECIFICATIONS



PRODUCT	Triplex Crawl Space S	Triplex Crawl Space D
	PolyWhite/Bubbles/Metalized Foil/ EPE Foam/Bubbles/Metalized Foil	Metalized Foil/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	Two layers of 2/5" durable extra large air bubble film with a core of 1/5" EPE foam laminated with three layers of reflective metalized film.
Contact Temperature Range	-60°F to 180°F (-51°C to 82°C)	-60°F to 180°F (-51°C to 82°C)
Thickness	1" nominal	1" nominal
Emittance (Metalized Side)	E=5%	E=5%
Water Vapor Transmission	.02 perms ASTM E96	.02 perms ASTM E96
Puncture Resistance	60lbs/in	60lbs/in
Tensile Stress (kPa)	TD:3123 /MD:3073	TD:3973 /MD:3419
Tear Strength (kN/m)	TD:78.09 /MD:76.83	TD:99.33 /MD:85.49
Pliability	No Cracking	No Cracking
Linear Shrinkage	None	None
Mold and Mildew	No Growth	No Growth
Flame Spread	0 ASTM E84-08	0 ASTM E84-08
Smoke Development	20 ASTM E84-08	20 ASTM E84-08
Fire Rating	Class A /Class 1	Class A /Class 1

POLYSHIELD® R-VALUES	Triplex Crawl Space S	Triplex Crawl Space D
Duct/Pipe Wrap	R6.5	R-8.5
Crawl Space Under Flooring**	R-37	R-39
Metal Buildings*	R-4.8 Up R-8.1 Down R-5.2 Wall	R-9.5 Up R-17.5 Down R-9.8 Wall
Post Frame Buildings	R-4.8 Up R-8.1 Down R-5.2 Wall	R-9.5 Up R-17.5 Down R-9.8 Wall
Radiant Floors	R-17.5	R-19.5
Wall – Basement Masonry**	R-10.0	R-10.0
Wall – Garage	R-6.2	R-10.0

* Depends on the interior of the metal building and sizes of the air spaces provided.
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What You Should Know About R-values

The chart shows the R-Value of this insulation. R means resistance to heat flow. The higher the R-Value, the greater the insulating power. Compare insulation R-Values before you buy. There are other factors to consider. The amount of insulation you need depends mainly on the climate you live in. Also, your fuel savings from insulation will depend upon the climate, the type and size of your house, the amount of insulation already in your house, and your fuel use patterns and family size. If you buy too much insulation, it will cost you more than what you'll save on fuel. To get the marked R-Value, it is essential that this insulation be installed properly.

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