

# GEOFOAM R-VALUE

## APPLICABLE TO ATLAS GEOFOAM PRODUCTS

Atlas Geofoam is primarily used as a lightweight material to support structural loads in transportation or building applications, but some applications rely on the insulation performance of Atlas Geofoam.

The R-value per inch of Atlas Geofoam has been determined in accordance with ASTM C518, "Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus."

## PHYSICAL PROPERTIES

		EPS12	EPS15	EPS19	EPS22	EPS29	EPS39	EPS46
R-value per inch at 75°F Mean Temperature	$^{\circ}\text{F}\cdot\text{ft}^2\cdot\text{h}/\text{Btu}$ $(^{\circ}\text{K}\cdot\text{m}^2/\text{W})$	3.2 (0.57)	3.9 (0.68)	3.9 (0.69)	4.2 (0.73)	4.4 (0.77)	4.4 (0.77)	4.5 (0.78)
R-value per inch at 40°F Mean Temperature	$^{\circ}\text{F}\cdot\text{ft}^2\cdot\text{h}/\text{Btu}$ $(^{\circ}\text{K}\cdot\text{m}^2/\text{W})$	3.4 (0.60)	4.2 (0.73)	4.3 (0.75)	4.6 (0.80)	4.8 (0.84)	4.8 (0.84)	4.9 (0.86)

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