





ASTM C578: AND XPS



This table outlines the basic physical properties of Foam-Control PLUS+ and extruded Polystyrene (XPS) insulation in accordance with ASTM C578, “Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation”.

Closed Cell Polystyrene Product		15 psi XPS	 150	25 psi XPS	 250	40 psi XPS	 400	60 psi XPS	 600
ASTM C578 ¹ Compliance, Type		Type X	Type II	Type IV	Type IX	Type VI	Type XIV	Type VII	Type XV
Compressive Strength ¹ , min., ASTM D1621	psi (kPa)	15 (104)	15 (104)	25 (173)	25 (173)	40 (276)	40 (276)	60 (414)	60 (414)
R-value ¹ , Thermal Resistance, per inch, ASTM C518	°F·ft ² ·h/Btu (°K·m ² /W)	5.0 (0.88)	4.2 (0.73)	5.0 (0.88)	4.4 (0.77)	5.0 (0.88)	4.4 (0.77)	5.0 (0.88)	4.5 (0.78)
Density ¹ , min., ASTM C303	lb/ft ³ (kg/m ³)	1.30 (21)	1.35 (22)	1.55 (25)	1.80 (29)	1.80 (29)	2.40 (38)	2.20 (35)	2.85 (46)
Flexural Strength ¹ , min. ASTM C203	psi (kPa)	40 (276)	35 (242)	50 (345)	50 (345)	60 (414)	60 (414)	75 (517)	75 (517)

¹ Please refer to ASTM C578 specification for complete information.

