Two-Component Foam Specs

Foam Kit	Yield*		Density (pcf) ASTM C-1536	K Factor Btu•in•hr^{-1}•ft^{-2}•ft^{-1}	R Value hr•ft2•F/Btu	Compressive Strength		Tensile Strength (psi)	Dimensional Stability		Water Absorption (%)	Closed Cell Content (% min.)	Shelf Life (months)
	Board Feet**	Cubic Feet				10% parallel (psi)	10% perpendicular (psi)		-40^{0}F, 100% RH, 2 weeks (% vol. change)	158^{0}F, 100% RH, 2 weeks (% vol. change)			
15	15	1.25	1.75 +/- 0.2	0.18	5.5	17.6	13	30	+.88	+14	1.0-3.5	90	18
110	110	9.1	1.75 +/- 0.2	0.14	7.12	19	13.4	30	+.88	+14	1.0-3.5	90	18
120	120	10	3.00 +/- 0.2	0.15	5.2	40	40	N/A	N/A	N/A	0.5-1.0	90	12
200	200	16.6	1.75 +/- 0.2	0.14	7.12	19	13.4	30	+.88	+14	1.0-3.5	90	18
200FR	200	16.6	1.75 +/- 0.2	0.16	6.23	13.2	6.8	22	+.88	+14	1.0-3.5	90	12
300 FR	300	33.6	1.0-1.25	0.16	5.5-6.5	5					3-4	50	12
600	600	50	1.75 +/- 0.2	0.14	7.12	19	13.4	30	+.88	+14	1.0-3.5	90	18
600 FR	600	50	1.75 +/- 0.2	0.16	6.23	13.2	6.8	22	+.88	+14	1.0-3.5	90	12
1000 FR	1000	112	1.0-1.25	0.16	5.5-6.5	5					3-4	50	12

* All Touch 'n Seal yields are calculated according to ASTM C-1536. Theoretical yield is used as an industry standard to represent the size of two-component foam kits. The calculation is based on ideal laboratory conditions, does not include blowing agent loss, and may vary according to application method or environmental factors.

** A board foot is defined as 12"x12" square at 1" deep/thick foam

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