



THIN FOAM

TECHNICAL DATA TYPICAL PHYSICAL PROPERTIES

	TEST METHOD	UNIT	RPP 90	RPP 125	RPP 185	RPP 250	R FOAM
			3/32"	1/8"	3/16"	1/4"	.195" - .205"
DENSITY RANGE	ASTM D3575-08	lb/ft ³	1.1 - 1.3	1.1 - 1.3	1.1 - 1.3	1.1 - 1.3	1.4 - 1.8
COMPRESSIVE STRENGTH	ASTM D3575-08 Suffix D	@ 25%	2.6	2.8	2.8	2.9	2.8
		@ 50%	9.8	10.0	10.0	9.6	10.0
COMPRESSION SET	ASTM D3575-08 Suffix B	%	29.0	31.9	33.7	29.8	33.7
TENSILE STRENGTH	ASTM D3575-08 Suffix T	MD (psi)	61	62	43	41	43
		CMD (psi)	26	25	24	22	24
ELONGATION %	ASTM D3575-08 Suffix T	MD %	13	18	13	21	13
		CMD %	3	8	5	8	5
TEAR RESISTANCE (LB/IN)	ASTM D3575-08 Suffix G (md/cmd)	MD (lb/in)	9.0	8.5	7.4	8.3	7.4
		CMD (lb/in)	14.0	13.6	11.5	11.9	11.5
WATER VAPOR TRANSMISSION RATE GM/100 IN²/24 HR	ASTM F-1249		0.110	0.086	0.089	0.052	-
WATER ABSORPTION	ASTM D3575-08 Suffix L	lb/ft ²	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
THERMAL STABILITY @ MD/CD (EXCEPT TD)**	ASTM D3575-08 Suffix S	%	< 5%**	< 5%**	< 5%**	< 5%**	< 5%**
*STATIC DECAY (ANTI-STATIC GRADE)	EIA STD. 541 Appendix F	Sec	< 2 sec	< 2 sec	< 2 sec	< 2 sec	-
*SURFACE RESISTIVITY (ANTI-STATIC GRADE)	EIA STD. 541 Section 4.3		10 ⁹ - 10 ¹¹	10 ⁹ - 10 ¹¹	10 ⁹ - 10 ¹¹	10 ⁹ - 10 ¹¹	-
THERMAL CONDUCTIVITY K - VALUE	ASTM C518-91	BTU.IN / HR-FT ² - °F	0.20 (1 layer)	0.22 (1 layer)	0.25 (1 layer)	0.30 (1 layer)	.35 - .38 (PER INCH)
THERMAL RESISTANCE R - VALUE	ASTM C518-91	HR-FT ² - °F / BTU	0.45 (1 layer)	0.56 (1 layer)	0.74 (1 layer)	0.83 (1 layer)	2.6 - 2.8 (PER INCH)
FLEXIBILITY +71 F - 65 F	PPP-C-1752 D		Pass	Pass	Pass	Pass	-
CONTACT CORROSIVITY (ALUM. PLATE)	Method 3005 FED STD 101		None	None	None	None	-

The data presented for these products is unconverted-type polyethylene foam products.
While values shown are typical of these products, they should not be construed as specification limits.
* Data refers to Anti-Static Grade Product only.