

## Product Data Sheet

Product name: Polyethylene Laminated Foam

Description:

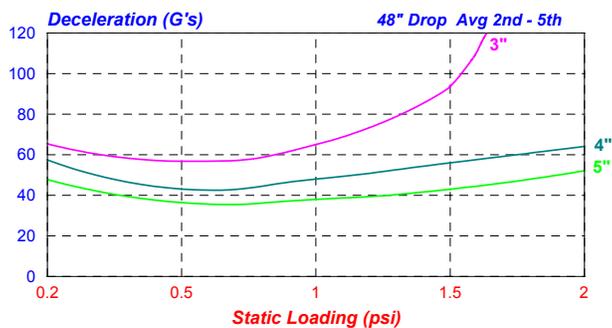
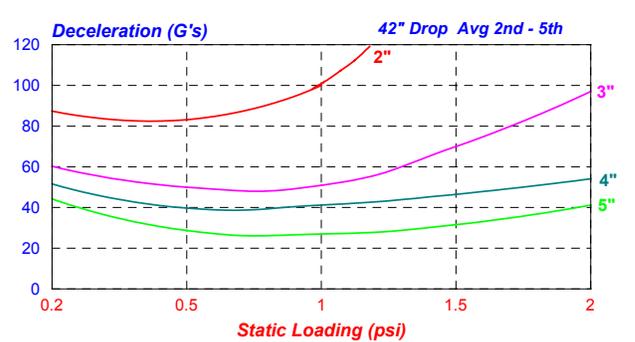
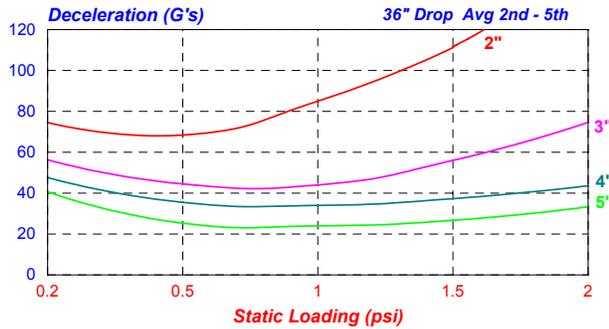
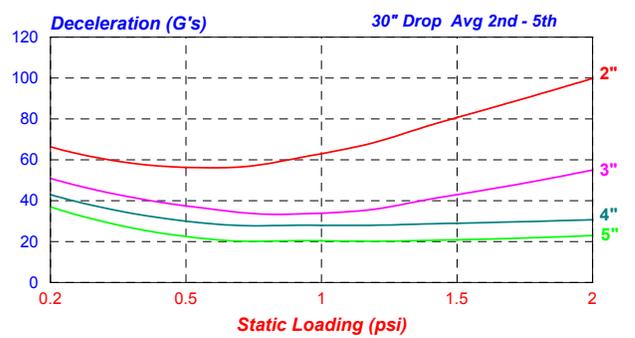
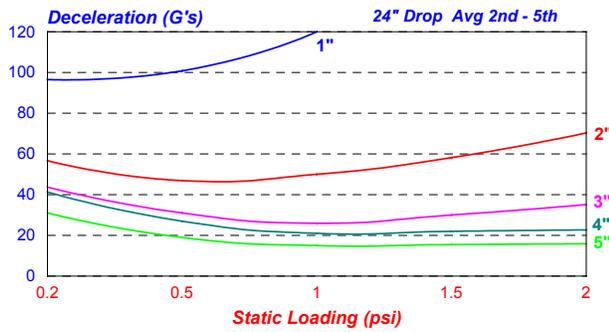
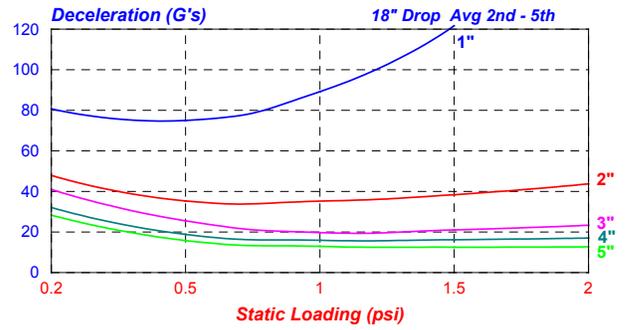
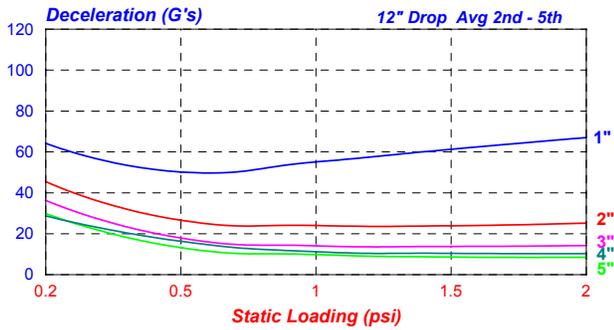
- Closed cell extruded polyethylene
- Black and white colors only for 2lbs and 4lbs variants

PHYSICAL PROPERTIES	TEST METHOD	UNIT	FOAM TYPE		
			PINK/BLUE	2LBS DENSITY	4LBS DENSITY
Density Range	ASTM D3575-08	lb/ft <sup>3</sup>	1.6 – 1.8	1.95 – 2.2	4.0 – 4.5
Compression Strength	ASTM D3575-08 Suffix D	@25%	> 6	> 7	> 13
		@50%	> 15	> 16	> 26
Compression Set	ASTM D3575-08 Suffix B	%	< 21%	< 20%	< 20%
Compression Creep	ASTM D3575-08 Suffix BB (168hr) MIL AA 59136	%	< 10% @1.25 psi	< 10% @ 2.0 psi	< 10% @ 2.9 psi
Tensile Strength	ASTM D3575-08 Suffix T	MD (psi)	35	40	80
		CMD (psi)	23	30	65
Tear Resistance	ASTM D3575-08 Suffix G	MD (lb/in)	11	13	27
		CMD (lb/in)	8	11	21
Cell Size	ASTM D3575-08 Modified	mm	1.3	1.2	1.0
Water Absorbtion	ASTM D3575-08 Suffix L	lb/ft <sup>2</sup>	< 0.1	< 0.1	< 0.2
Thermal Stability	ASTM D3575-08 Suffix S	%	< 5%	< 5%	< 5%
*Static Decay (Anti-Static Grade)	EIA STD 541 (appendix F)	Sec	< 2 sec	< 2 sec	< 2 sec
*Surface Resistivity (Anti-Static Grade)	EIA STD 541 Section 4.3		1 <sup>9</sup> – 10 <sup>11</sup>	10 <sup>9</sup> – 10 <sup>11</sup>	10 <sup>9</sup> – 10 <sup>11</sup>
Thermal Conductivity K-Value	ASTM CS18-91	BTU.IN/ HR- FT2 - °F	0.40 – 0.45	0.40 – 0.45	0.40 – 0.45
Thermal Resistance R-Value	ASTM CS18-91	HR-FT2- °F/ BTU.IN	2.2 – 2.5	2.2 – 2.5	2.2 – 2.5

The data presented for these products is unconverted-type polyethylene foam products. While values shown are typical of these products, they should not be constructed as specification limits.

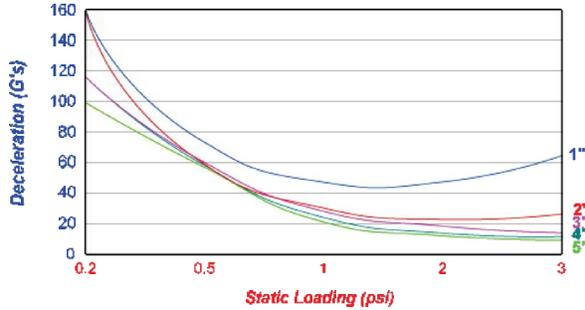
\*Data refers to Anti-Static Grade Product only.

## Polyethylene Laminated 2.2 pcf Cushion Curves

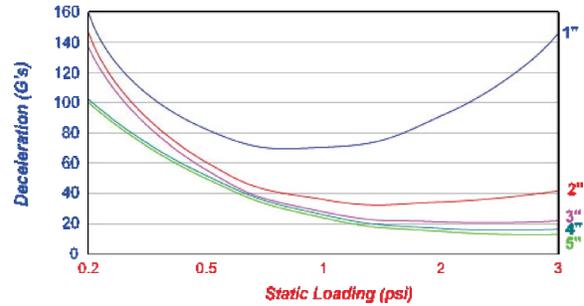


## Polyethylene Laminated 4 pcf Cushion Curves

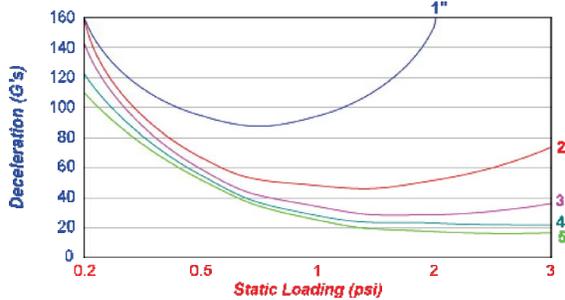
**12" Drop Avg 2nd - 5th**



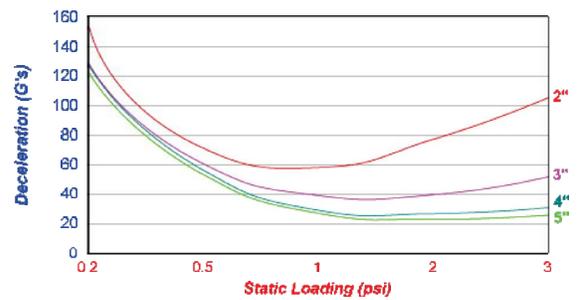
**18" Drop Avg 2nd - 5th**



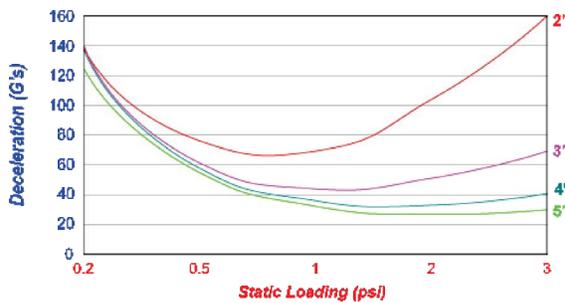
**24" Drop Avg 2nd - 5th**



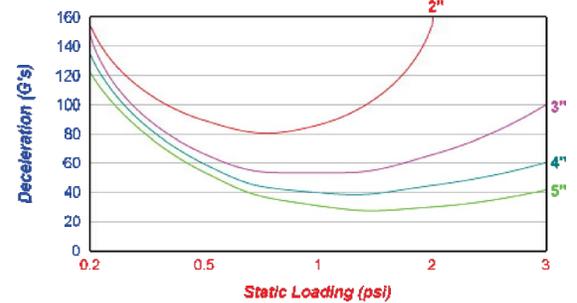
**30" Drop Avg 2nd - 5th**



**36" Drop Avg 2nd - 5th**



**42" Drop Avg 2nd - 5th**



**48" Drop Avg 2nd - 5th**

