

PolyPlank®

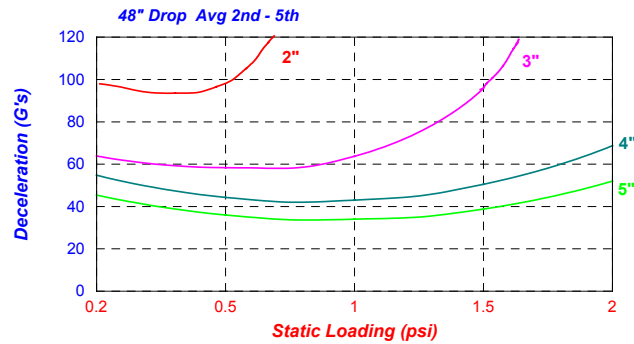
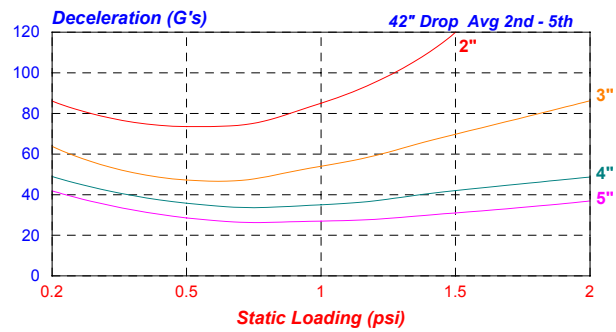
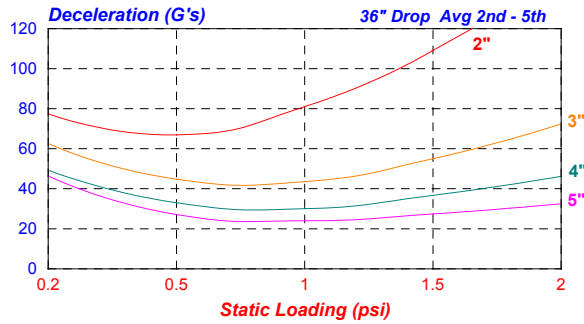
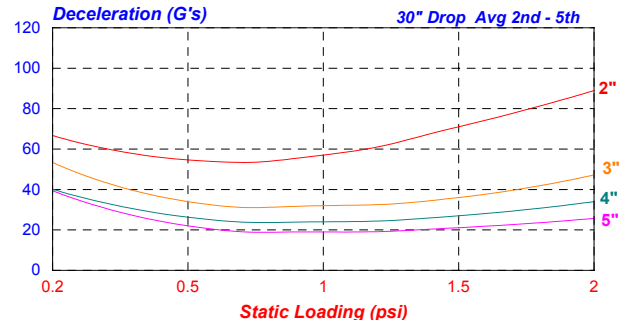
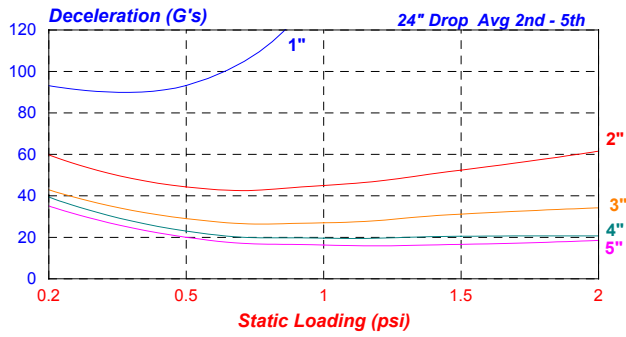
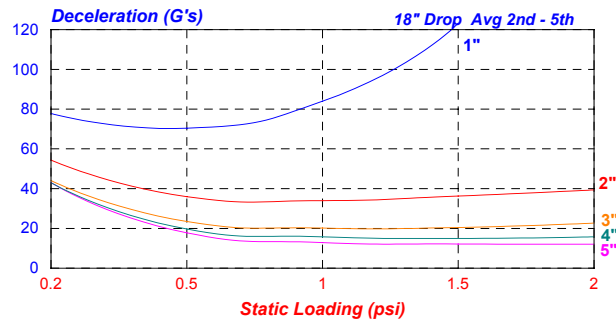
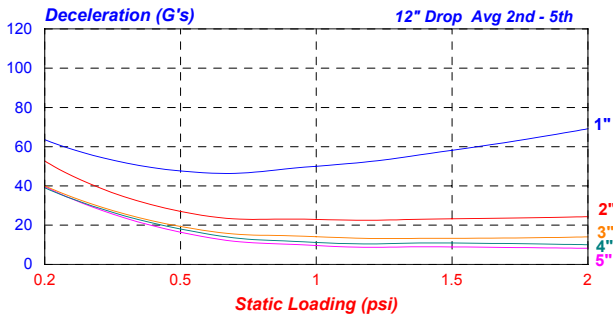
PolyPlank® EXT Typical Physical Properties

Property	Test Method	1.7 PCF	2.2 PCF	4 PCF	6 PCF	9 PCF
Type		Type I	Type I	Type III	Type IV	Type V
Density (lb/ft ³)	ASTM D-3575 SUFFIX W	NLT 1.6	NLT 2.1	NLT 4.3	NLT 5.7	NLT 8.8
Cell Count (cells/inch)	ASTM D-3576	20	24	30	30	30
Compressive Strength ¹ (lb/in ²)	ASTM D-3575 SUFFIX D	6 - 8 14	7 - 9 13 - 16	13 - 20 16 - 24	26 - 30 36 - 43	46 62 - 70
Compressive Set ¹ (%)	ASTM D-3575 SUFFIX B	21 16	22 16	9 6	10 7	20 11
Compressive Creep ¹ (%)	ASTM D-3575, SUFFIX BB	6	6	0.8	0.8	0.8
Water Absorption ¹ (lb/ft ²)	ASTM D-3575 SUFFIX L	0.06	0.04	0.02	0.02	0.05
Thermal Stability ¹ (%)	ASTM D-3575	<2	<2	<2	<2	<2
Service Temperature °F		-30 to +180	-30 to +180	-30 to +180	-30 to +180	-30 to +180

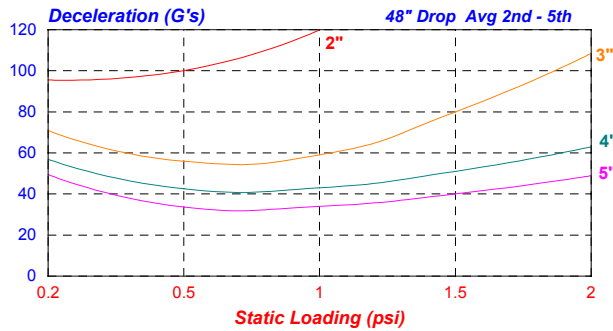
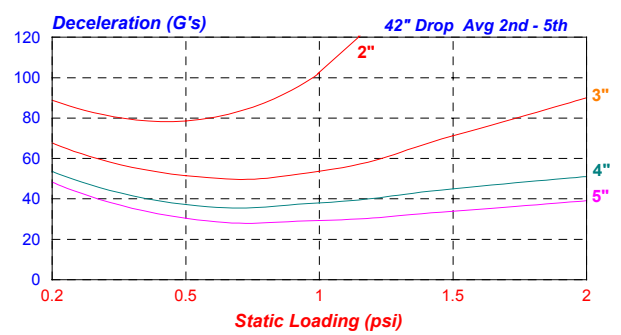
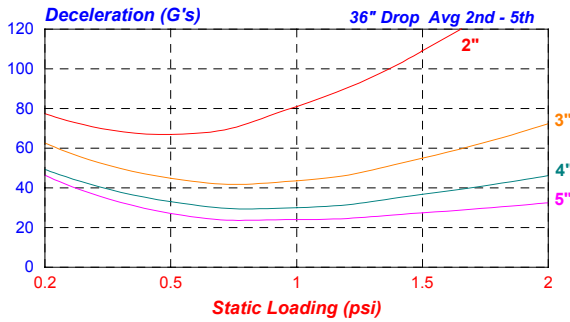
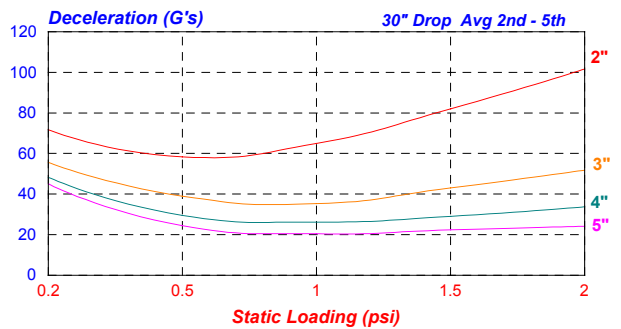
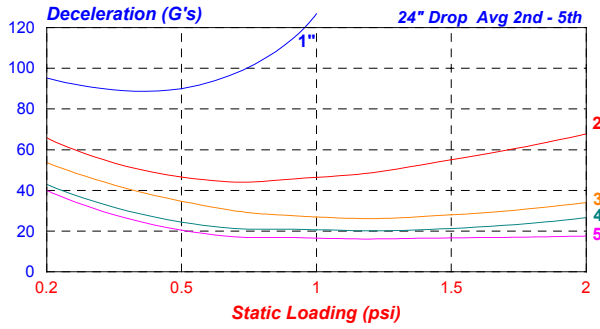
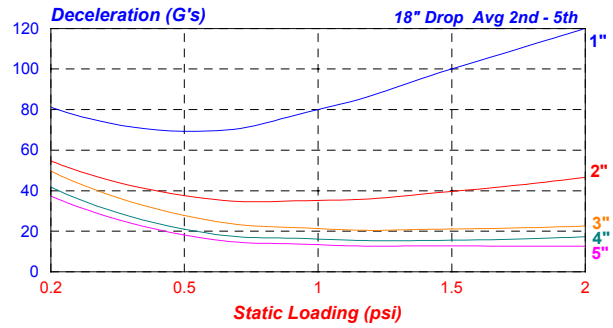
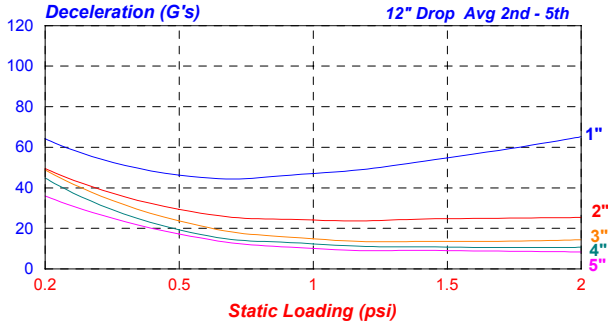
For Anti-Static Product Only			
Electrostatic Decay ¹	EIA 541	seconds	Less Than 2.0
Surface Resistivity ¹	EIA 541	Ohms	>1.00 x 10 ⁹ <1.00 x 10 ¹²
For Fire Retardant Only			
UL Listed	UL 94		Classified HF-2
For Fire Retardant A/S Product Only			
Flame Spread Index ¹	ASTM E-162		<25
Specific Optical Density ¹	ASTM E-662		<100

1. Denotes properties specified in CID-AA-59136, (formerly Federal Specification PPP-C-1752D).

PolyPlank EXT 1.7 pcf Cushion Curves



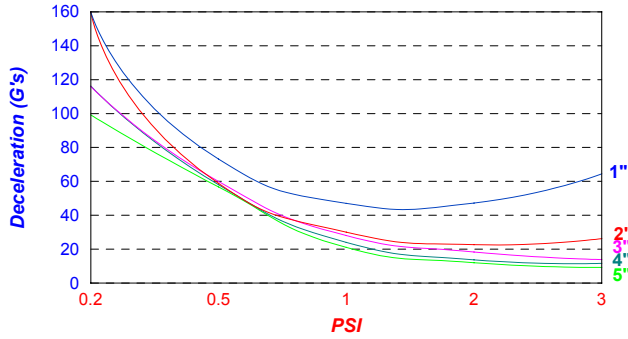
PolyPlank EXT 2.2 pcf Cushion Curves



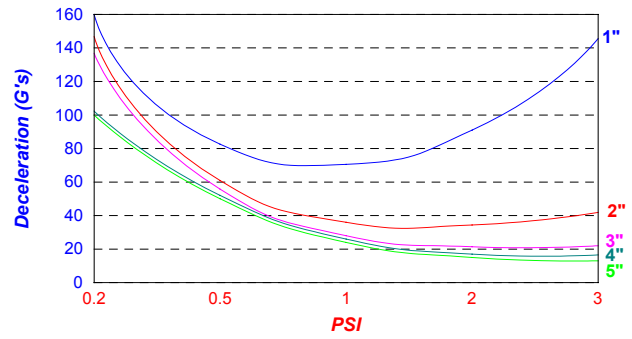
PolyPlank EXT 4 pcf Cushion Curves



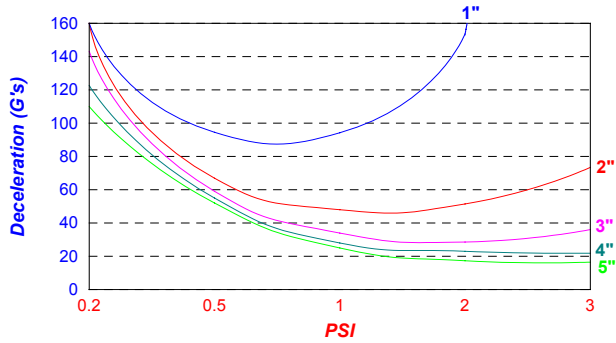
12" Drop Avg 2nd - 5th



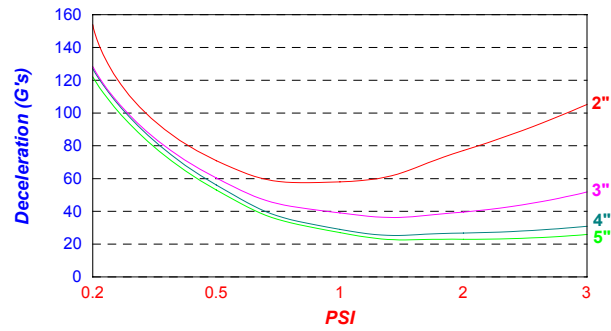
18" Drop Avg 2nd - 5th



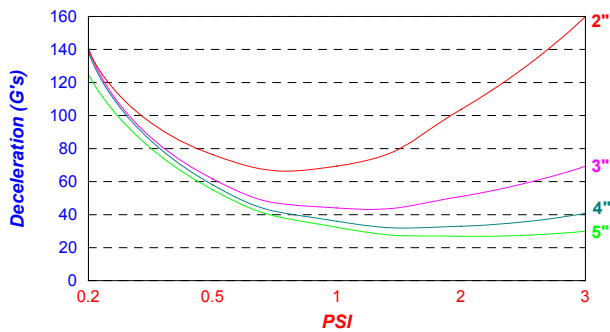
24" Drop Avg 2nd - 5th



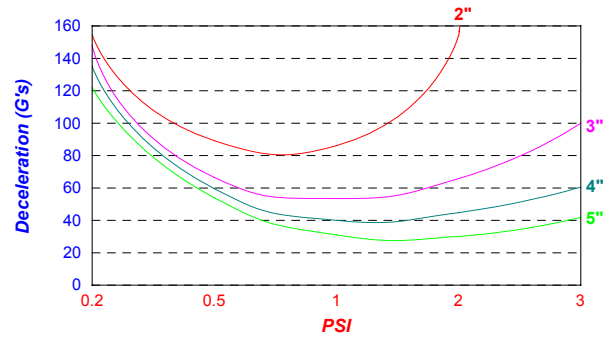
30" Drop Avg 2nd - 5th



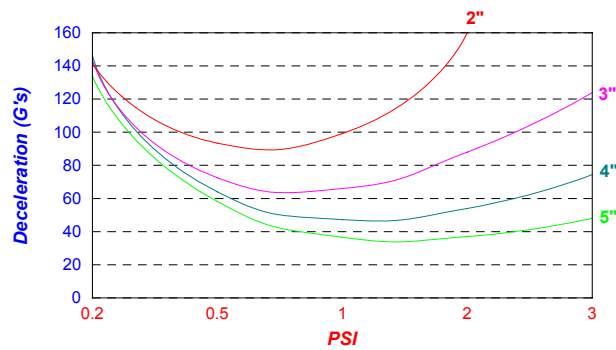
36" Drop Avg 2nd - 5th



42" Drop Avg 2nd - 5th



48" Drop Avg 2nd - 5th



PolyPlank EXT 9 pcf Cushion Curves

