









WINBOSS® Shock Absorption Foam

										
	<i>Units</i>	<i>Test Method</i>	<i>NV-405C</i>	<i>NV-405S</i>	<i>NV-606C</i>	<i>NV-607S</i>	<i>NV-710S</i>	<i>NV-810S</i>	<i>NV-815S</i>	<i>NV-825S</i>
Standard Sheet Size	in		48*72	56*84	60*84	46*66	44*66	42*63	38*58	34*52
	cm		120*182	142*213	150*213	116*168	112*168	106*160	96*147	86*132
Standard Roll Width	in		48		60					
	cm		120		150					
Max. Gauge	in		1.25	1.25	1/1.25	1	1.125	0.9	0.875	0.875
	mm		30	30	25/30	25	28	23	22	22
Colors (other colors available)			Nat/Blk*	Nat/Blk	Nat/Blk	Nat/Blk	Nat	Gray	Blk	Blk
Density (P.C.F)	lb/ft3		3.5-5.0	3.5-5.0	5.0-7.0	5.0-7.0	7.0-9.0	7.2-9.4	11.2-13.7	15-18.7
	g/cm3		0.06-0.08	0.06-0.08	0.08-0.11	0.08-0.11	0.11-0.14	0.12-0.15	0.18-0.22	0.24-0.30
Compression Deflection (25%Psi)	lb/in2	ASTM D1056	3.0-5.0	3.0-5.0	5.0-7.5	4.0-7.0	6.0-9.0	5.5-9.0	9.0-12.0	15.0-25.0
	kg/cm2		0.21-0.35	0.21-0.35	0.35-0.53	0.28-0.49	0.42-0.63	0.39-0.63	0.63-0.84	1.05-1.75
Compression Set (50%)	%Max	ASTM D1056	20	20	15	15	15	10	10	10
Water Absorption (Vacuum Method)	Wt%Max	ASTM D1056	8	5	5	5	5	5	5	5
Water Absorption	lbs/Sq.Ft	ASTM D1667	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Heat Aging (7 Days @ 158°F) Lineal Shrinkage	%Max	ASTM C548	5	5	5	5	5	5	5	5
Tensile Strength	lb/in2	ASTM D412	70	70	130	100	130	340	340	450
	kg/cm2		5	5	9	7	9	24	20	32
Elongation	%Min	ASTM D412	200	200	220	125	130	300	300	380
Thermal Conductivity 75 °F(24 °C)	BTU.in/hr. sqft. °F Max	ASTM C177								
Specification		ASTM D1056-68 ASTM D1056-91	SCE-41 2C1	SCE-41 2C1	SBE-42 2B2	SBE-42 2B2	SBE-42 2B2	SBE-42 2B2	SBE-43 2B3	SBE-45 2B5