



**PRODUCT SPECIFICATION
REINFORCED TPU EXPANSION BLADDERS**

Polymer TPU
Color Frosty Clear

		High Temperature Resistant					
Properties	Units	Method	10006E-1360	10006E-1760	10007E-1360	10007E-1760	10021S-1360-525
			13oz	17oz	13oz	17oz	13oz
Scrim Weight Density	oz/y2	ASTM D751	1.1 ± 5%	1.1 ± 5%	1.1 ± 5%	1.1 ± 5%	2.6 ± 5%
Scrim Type			Nylon	Nylon	Nylon	Nylon	Polyester
Composite Thickness	mils	ASTM D751	15 ± 5%	20 ± 5%	15 ± 5%	20 ± 5%	15 ± 5%
Composite Weight	oz/y2	ASTM D751	13 ± 5%	17 ± 5%	13 ± 5%	17 ± 5%	13 ± 5%
Breaking Strength (4X6in.)	MD	ASTM D4434	100		120		180
	TD		100		120		180
Elongation at break (4X6in.)	MD	ASTM D4434	20		20		20
	TD		25		25		20
Trapezoid Tearing Strength	MD	ASTM D751	10		25		80
	TD		10		25		80
Hydrostatic Resistance	psi	ASTM D3786	180	190	190	200	280
Interply Adhesion	lbs/in	ASTM D413	18		18		18
Abrasion resistance	cycles	ASTM D3884	2000+	2000+	3000+	5000+	5000+
Puncture Resistance-Screw	lbf	ASTM D 751	25		30		60
Puncture Resistance-Ball	lbf	ASTM D 751	100		120		200
Coefficient of friction		ASTM D1894	0.35		0.35		0.65

Product Specifications are minimum values, actual results may be higher.

We believe this information is the best currently available on the subject. It is provided as a suggestion in any appropriate experimentation you may care to undertake. It is subject to revision as additional knowledge, information and experience are gained. We make no guarantee of results and assume no obligation, warranty, or liability whatsoever in connection with this information. In case of conflict between standard and metric specifications, standard shall apply