



## Pool Safety Fence Technical Specifications

Pool Guard Manufacturing, Inc has manufactured removable pool safety fencing since 1994. Pool Guard is the leading manufacturer of pool safety products throughout the world. Thousands of consumers, including small & medium size commercial pools utilize their products. Unlike the rest, Pool Guard manufactures their pool fences in house to ensure 100% quality control which allows them to offer an exclusive limited lifetime warranty on pool safety fences.

Pool Guard has an extensive worldwide network of dealers to provide consumers with the appropriate product to suit their pool safety needs.

<b>Item #</b>	T45 DBS			
<b>Product Description:</b>	Leno weave Fabric using .025" diameter vinyl-coated 1000 den. Polyester core yarns in the warp and fill.			
<b>Attribute</b>	<b>ASTM</b>	<b>Warp</b>	<b>Fill</b>	<b>Typical</b>
Construction, end/inch	D3775-96	10.0	7.0	
Weight, oz/yd <sub>2</sub>	D3776-96	- -	- -	7.2
Tensile Strength (grab) lbf	D5034-95	322.9	221.4	
Tensile Strength (strip) lbf	D5035-95	142.9	121.9	
Tear Strength (Trapazodial), lbf	D1117-97	66.1	38.2	
Elongation, %	D5035-95	26.5	23.7	
Abrasion Resistance (CS10/500 cycles/ with no added weight)	D3884-92	No exposure to core yarn		
Ball Burst, lbf	D3787-89			198.0
Flammability Rating		CS-191-53 & CA 117E		
Weather ability, 1200 hours	G53-96	No Discoloration		
Mildew Resistance	G21-96	No growth		
Openness Factor, %	Mathematical Method			61.88
***The above results are a representative of real data from single test samples.				

### **Quad-X Reinforced 1" Aluminum Pole**

Pool Guard uses Quad-X Reinforced Center Aluminum Poles. The poles are made with a 1" heavy duty marine grade XT 6063 alloy. The Temper strength of Pool Guard's poles scores the highest tensile strength (30 ksi) within the 6063 alloy classification.

**Vinyl Border-** Pool Guard border is a premium grade UV protected marine grade vinyl that is expertly locked stitch with UV protected thread to the mesh.

**Hooks and Latches:** All Pool Guard hooks and latches are premium stainless steel that will not rust or discolor in the elements.

**ASTM F-2286-05** – On December 31, 2007 Garwood Laboratories, Inc an independent testing facility certified Pool Guard Fence met or exceeded all requires for ASTM Standard F-2286-02.