



## Duro-Last Physical Specifications

Property	Test Method	Metric	English
Thickness	ASTM D-751	1 MM NOMINAL	40 MIL NOMINAL
Tear Strength, LBS each direction (min)	ASTM D-751 TONGUE METHOD 8" x 8" SAMPLE	578 X 489 N	130 X 110 LBS
Breaking Strength	ASTM D-751	1,935 X 1,557 N	435 X 350 LBS
Emmaqua Exposure	ASTM E-838 Desert Sun	>256,307 MJ/m <sup>2</sup>	6.9 MILLION LANGLEYS
Elongation	ASTM D-751	35%	35%
Dimension Stability, % of Change Each Direction (max)	ASTM D-1204	<0.1%	<0.1%
Low Temperature Flexibility	ASTM D-2136 1/8" MANDREL	NO CRACKS - 40° F	NO CRACKS - 40° F
Dynamic Impact (puncturing)	FED. STD. 101B METHOD B	1,557 N	350 LBS
Water Vapor Transmission	ASTM E96 PROCEDURE B METHOD A	0.130 g/h/m <sup>2</sup>	.25 US PERMS
Accelerated Weathering	CARBON ARC 6,000 HRS.	NO CRACKING, CRAZING, OR BLISTERING	
Accelerated Weathering UVB-313 LAMP @ 80°C	ASTM G-53 88 2,000 HRS.	NO CRACKING, CRAZING, OR BLISTERING	
Factory Mutual Research	FM 4450/4470	CLASS: 1-60, 1-90, 1-105, 1-150, 1-210	
Underwriters Laboratory	UL-790 UL-1897	CLASS: A, B OR C UPLIFT 60, 90 AND 150 PSF	

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***Winner of the 2004 Associated Builders & Contractors (ABC)  
 Excellence in Construction Award.***