



## HUTEX VX Series- Textured Very Flexible Polyethylene Geomembrane Specification Sheet English Units

Minimum Values						
Property	Test Method	VX075	VX100	VX150	VX200	VX250
Thickness, mils	ASTM D5199					
Minimum Average Values		30	40	60	80	100
Lowest Individual Reading		25.5	34	51	68	85
Asperity Height, mils	GRI GM12	10	10	10	10	10
Density, g/ml	ASTM 1505/D792	0.92	0.92	0.92	0.92	0.92
Tensile Properties (each direction)	ASTM D6693 Type IV specimen @ 2 ipm					
1. Strength at Break, lb/inch width		45	60	75	90	120
2. Elongation at Break, %	G.L. 2 inch	250	250	250	250	250
Tear Resistance, lb	ASTM D1004	16	22	33	44	55
Puncture Resistance, lb	ASTM D4833	33	44	66	88	110
Carbon Black Content, %	ASTM D1603	2.0	2.0	2.0	2.0	2.0
Carbon Black Dispersion	ASTM D5596	Cat.2	Cat.2	Cat.2	Cat.2	Cat.2
Oxidative Induction Time, min	ASTM D 3895 (200 ; O <sub>2</sub> , 1 atm)	100	100	100	100	100
Nominal Values						
Melt Index, g/10 min	ASTM D1238 (190 , 2.16kg)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2% Modulus, lb/inch	ASTM D5323	370	420	630	840	1050
Axi-Symmetric Break Strain, %	ASTM D5617	56	56	56	56	56
Dimensional Stability, %	ASTM D1204 (100 ; 1 hour)	± 1	± 1	± 1	± 1	± 1
Low Temperature Brittleness,	ASTM D746	< -77	< -77	< -77	< -77	< -77
Roll Dimensions						
Width, ft		23	23	23	23	23
Length,ft		650	498	420	322	250
Area, ft <sup>2</sup>		14950	11454	9660	7406	5750
Net Weight, lb (Approx.)		2293	2344	2961	3022	3083
40' container, rolls		12	12	12	12	12

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