

HUITEX[®] Aquaculture Lining System Specifications

Property	Test Method	Minimum Values		
		HD050	HD075	HD100
Thickness, mm	ASTM D5199			
Minimum Average values		0.50	0.75	1.00
Lowest Individual Reading		0.45	0.67	0.90
Density, g/cm ³	ASTM 1505/D792	0.94	0.94	0.94
Tensile Properties (each direction)	ASTM D638 Type IV specimen @50			
1.Strength at Yield, kN/m width	mm/min	9	11	16
2.Strength at Break, kN/m width		14	21	28
3.Elongation at Yield, %	G.L. 33 mm	13	13	13
4.Elongation at Break, %	G.L. 51 mm	700	700	700
Tear Resistance, N	ASTM D1004	73	100	138
Puncture Resistance, N	ASTM D4833	176	264	352
Carbon Black Content, %	ASTM D1603	2	2	2
Carbon Black Dispersion	ASTM D5596	Cat.2	Cat.2	Cat.2
Oxidative Induction Time, min	ASTM D 3895 (200 ; O ₂ , 1 atm)	100	100	100
Nominal Value				
Dimensional Stability, %	ASTM D1204 (120 ; 1 hour)	±2	±2	±2
Low Temperature Brittleness,	ASTM D746	< -77	< -77	< -77
Stress Crack Resistance, hrs	ASTM 5397 (Appendix)	> 400	> 400	> 400
Roll Dimensions				
Width, m		7	7	7
Length, m		420	280	210
Area, m ²		2940	1960	1470
40' container, rolls		16	16	16

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