

Technical Datasheet

ACHILLES VINISTAR LOW SHRINK

Achilles Vinistar Low Shrink

Product / Test method				Low Shrink 3S 0,5 mm		Low Shrink 3S 0,65 mm		Low Shrink 4S 0,75 mm			
				137 cm		137 cm		137 cm			
Major	Medium Items	Verification Items		MD	TD	MD	TD	MD	TD		
Basic Physical Properties	Thickness	Dial Gauge	[mm]	0,49		0,65		0,74		ISO 527 mutatis mutandis	
	Total Light Transmittance	Tt	[%]	88,96		87,90		89,38		ASTM D1003 mutatis mutandis	
		Haze	[%]	1,66		1,80		1,53			
	Tensile Test	100% Modulus		[N]	61	59	87	78	84	73	ISO 527 mutatis mutandis
				[MPa]	12	12	13	12	11	10	
		Tensile Strength		[N]	142	135	171	156	197	172	
				[MPa]	29	28	27	24	27	23	
	Elongation		[%]	396	397	334	355	400	431		
Tear Test		Elmendorf		[N]	44	40	86	79	57	56	ASTM 1004 mutatis mutandis
			[N/mm]	90	82	55	51	77	76		
Heat Dimensional Stability	50°Cx10min.		[%]	-0,42	-0,17	-0,10	-0,20	-0,42	-0,17	ASTM D1204 mutatis mutandis	
			[°C]	89,00		87,00		86,00		JIS mutatis mutandis	
	Hardness (shore A)			[°C]	89,00		87,00		86,00		
	Flame Resistance										
Weather Resistance			(h)	800		800		800		ASTM D1499 mutatis mutandis	

Product features
* Calendered
* Reach compliant
* Made in Japan
* Proven field performance
* UV stabilised - Little discolouration
* High Clarity - Transparency
* Non-stick formulation (Quick release)
* 0% shrinkage up to 60°C
* Easy to clean
* Blocks 90% of UV Solar Radiation
* Excellent weatherability (High & Low temperatures)
* No down time waiting for the fabric to relax prior to fabrication

M.D. = MACHINE DIRECTION

T.D. = TRANSVERSE DIRECTION

*Information stated on this data sheet is to best of our knowledge true and reliable but cannot be guaranteed.

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