

## Technical Data Sheet

Items/ Unit / Test Method		Achilles Vinistar Classic						
<b>Thickness</b>		0.30mm	0.40mm	0.50mm	0,50mm	0.65mm	0.75mm	1.00mm
<b>Width</b>		137cm	137cm	137cm	183cm	137cm	137cm	137cm
<b>Length</b>		50m	25/50m	25/50m	30m	30m	30m	30m
<b>Material</b>		PVC	PVC	PVC	PVC	PVC	PVC	PVC
<b>Hardness</b>		3S/ 45 PHR	3S/ 45 PHR	3S/ 45 PHR	3S/ 45 PHR	3S/ 45 PHR	3S/ 45 PHR	4S/ 49 PHR
<b>Weldable</b>		Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Weight ±</b>		375g/m2	500g/m2	625g/m2	625g/m2	812,5g/m2	937,5g/m2	1240g/m2
<b>100% Modulus [N] JIS K-6732</b>	M.D.	35,3	49,8	57,2	57,2	76,9	97,3	99,9
	T.D.	31	48,2	55	55	68,6	88,5	93,9
<b>Tensile strength [N] JIS K-6732</b>	M.D.	83,9	115,5	135,7	135,7	176,4	203,7	250,9
	T.D.	79,4	108,1	134,6	134,6	159,4	184,3	226,5
<b>Tear Strength [N] JIS K-6732</b>	M.D.	25,4	36,6	41,9	41,9	52,4	67,1	80,9
	T.D.	25,6	35,7	41,7	41,7	50,8	70,1	77,9
<b>Elongation [%] JIS K-6732</b>	M.D.	358	378	349	349	379	366	402
	T.D.	398	377	370	370	401	380	400
<b>Cold Crack test [°C] JIS K-6772</b>	M.D.	-45	-35	-45	-45	-50	-50	-50
	T.D.	-40	-45	-35	-35	-50	-50	-45
<b>Light Transmission [%] JIS K-7051</b>		86,8	90,5	87,2	87,2	89,1	87,9	84,4
<b>Weather Resistance</b>	<b>500 hours</b>	<b>No major physical property change</b>						

Product features
* Calendered
* <b>Reach compliant</b>
* Made in Japan
* Proven field performance
* <b>UV stabilised - Little discolouration</b>
* High Clarity - Transparency
* <b>Printable (screen printing)</b>
* Easy to clean
* 2-3% shrinkage
* Blocks 90% of UV harmful Solar Radiation
* Excellent weatherability (High & Low temperatures)

M.D = MACHINE DIRECTION

T.D = TRANSVERSE DIRECTION

JIS = JAPANESE INDUSTRIAL STANDARD

Information stated on this Data Sheet is for reference purposes and is to the best of our knowledge, true and reliable. Results cannot be guaranteed.