

Technical Data Sheet

Items/ Unit / Test Method		Achilles Vinistar Super							
		080/0.30_50x1.37_VS		080/0.50_25x1.37_VS		080/0.50_50x1.37_VS			
Thickness		0.30mm	0.40mm	0.50mm	0.65mm	0.75mm	0.75mm	1.00mm	
Width		137cm	137cm	137cm	137cm	137cm	137cm	137cm	
Length		50mtr	25/50mtr	25/50mtr	30mtr	30mtr	30mtr	30mtr	
Material		PVC	PVC	PVC	PVC	PVC	PVC	PVC	
Hardness		3S/ 45PHR	3S/ 45 PHR	3S/ 45 PHR	4S/ 49 PHR	3S/ 45PHR	6,5S/ 59 PHR	4S/ 49 PHR	
Weldable		Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Weight ±		375g/m2	500g/m2	625g/m2	806g/m2	937.5g/m2	915g/m2	1240g/m2	
100% Modulus [N] K-6732	JIS	M.D.	35.3	49.8	57.2	76.9	97.3	53.7	99.9
		T.D.	31	48.2	55	68.6	88.5	50.9	93.9
Tensile strength [N] K-6732	JIS	M.D.	83.9	115.5	135.7	176.4	203.7	166.7	250.9
		T.D.	79.4	108.1	134.6	159.4	184.3	157.7	226.5
Tear Strength [N] K-6732	JIS	M.D.	25.4	36.6	41.9	52.4	67.1	48.8	80.9
		T.D.	25.6	35.7	41.7	50.8	70.1	47	77.9
Elongation [%] K-6732	JIS	M.D.	358	378	349	379	366	460	402
		T.D.	398	377	370	401	380	450	400
Cold Crack test [°C] K-6772	JIS	M.D.	-45	-35	-45	-50	-50	-50	-50
		T.D.	-40	-45	-35	-50	-50	-45	-45
Light Transmission [%] K-7051	JIS		86.8	90.5	87.2	89.1	87.9	86.2	84.4
Weather Resistance	800 hours	No major physical property change							

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Product features
<ul style="list-style-type: none"> * Calendered * Reach compliant * Made in Japan * Proven field performance * UV stabilised - Little discolouration * High Clarity - Transparency * Non-stick formulation (Quick release) * Easy to clean * 2-3% shrinkage * Blocks 90% of UV Solar Raditation * Non printable * Excellent weatherability (High & Low temperatures)

Technical Data Sheet

Items/ Unit / Test Method		Achilles Vinistar Low Shrink			
		080/0.5_40X1.37_ ow shrink			
Thickness		0.50mm	0.65mm	0.75mm	
Width		137cm	137cm	137cm	
Length		40mtr	30mtr	30mtr	
Material		PVC	PVC	PVC	
Hardness		3S/ 45 PHR	4S/ 49 PHR	4S/ 49PHR	
Weldable		Yes	Yes	Yes	
Weight ±		625g/m2	806g/m2	937.5g/m2	
100% Modulus [N] K-6732	JIS	M.D.	55.1	(--)	85.3
		T.D.	53.2	(--)	78.8
Tensile strength [N] K-6732	JIS	M.D.	131.6	(--)	205.8
		T.D.	129.1	(--)	190.6
Tear Strength [N] K-6732	JIS	M.D.	41.3	(--)	60.4
		T.D.	40.6	(--)	61.4
Elongation [%] K-6732	JIS	M.D.	352	(--)	408
		T.D.	370	(--)	417
Cold Crack test [°C] K-6772	JIS	M.D.	-50	(--)	-50
		T.D.	-40	(--)	-50
Light Transmission [%] K-7051	JIS		87.5	(--)	89.3
Weather Resistance	800 hours	No major physical property change			

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Product features
<ul style="list-style-type: none"> * 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 Raditation * Excellent weatherability (High & Low temperatures) * No down time waiting for the fabric to relax prior to fabrication

Technical Data Sheet

Items/ Unit / Test Method		Achilles Vinistar Fire Retardant				
		080/0.5_30X1.83_F R	080/0.5_50X1.37_ FRX-B1			
Certificate		Light FR	B1 / M2	B1 / M2	MVSS302	
Thickness		0.50mm	0.50mm	0.50mm	0.75mm	
Width		183cm	137cm	183cm	183cm	
Length		30mtr	50mtr	30mtr	30mtr	
Material		PVC	PVC	PVC	PVC	
Hardness		3,5S/ 47PHR	5S/ 53 PHR	5S/ 53 PHR	3S/ 45PHR	
Weldable		Yes	Yes	Yes	Yes	
Weight ±		622,5g/m2	617,5g/m2	617,5g/m2	937,5g/m2	
100% Modulus [N] K-6732	JIS	M.D.	57.4	44.7	44.7	(-)
		T.D.	51.3	38.7	38.7	(-)
Tensile strength [N] K-6732	JIS	M.D.	132.9	129.6	129.6	(-)
		T.D.	124	124.7	124.7	(-)
Tear Strength [N] K-6732	JIS	M.D.	40.3	33.2	33.2	(-)
		T.D.	40.3	34.3	34.3	(-)
Elongation [%] K-6732	JIS	M.D.	331	349	349	(-)
		T.D.	357	384	384	(-)
Cold Crack test [°C] K-6772	JIS	M.D.	-40	-20	-20	(-)
		T.D.	-40	-20	-20	(-)
Light Transmission [%] K-7051	JIS		87.1	86.8	86.8	(-)
Weather Resistance	800 hours	No major physical property change				

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Product features
<ul style="list-style-type: none"> * Calendered * Reach compliant * Made in Japan / USA * Proven field performance * UV stabilised - Little discolouration * High Clarity - Transparency * B1 - DIN 4102 Certificate (Germany) * M2 - Certificate (France) * Easy to clean * Excellent weatherability (High & Low temperatures)

Technical Data Sheet

Items/ Unit / Test Method			Achilles Vinistar Classic						
			080/0.50_50x1.37_CS	080/0.50_30x1.83_CS	080/0.65_30x1.37_CS	080/0.75_30x1.37_CS	080/1.0_30x1.37_CS		
Thickness			0.30mm	0.40mm	0.50mm	0.50mm	0.65mm	0.75mm	1.00mm
Width			137cm	137cm	137cm	183cm	137cm	137cm	137cm
Length			50mtr	25/50mtr	25/50mtr	30mtr	30mtr	30mtr	30mtr
Material			PVC	PVC	PVC	PVC	PVC	PVC	PVC
Hardness			3S/ 45PHR	3S/ 45 PHR	3S/ 45 PHR	3S/ 45 PHR	3S/ 45PHR	3S/ 45PHR	4S/ 49 PHR
Weldable			Yes	Yes	Yes	Yes	Yes	Yes	Yes
Weight ±			375g/m2	500g/m2	625g/m2	625g/m2	812,5g/m2	937,5g/m2	1240g/m2
100% Modulus [N] K-6732	JIS	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
Tensile strength [N] K-6732	JIS	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
Tear Strength [N] K-6732	JIS	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
Elongation [%] JIS K-6732		M.D.	358	378	349	349	379	366	402
		T.D.	398	377	370	370	401	380	400
Cold Crack test [°C] K-6772	JIS	M.D.	-45	-35	-45	-45	-50	-50	-50
		T.D.	-40	-45	-35	-35	-50	-50	-45
Light Transmission [%] K-7051	JIS		86.8	90.5	87.2	87.2	89.1	87.9	84.4
Weather Resistance	500 hours	No major physical property change							

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

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Items/ Unit / Test Method		Achilles Vinistar Karo	
		080/0.30_50x1.32_VK	
Thickness		0.30mm	
Width		132cm	
Length		50mtr	
Material		PVC	
Hardness		3S/ 45PHR	
Weldable		Yes	
Weight ±		375g/m2	
100% Modulus [N] K-6732	JIS	M.D.	35.3
		T.D.	31
Tensile strength [N] K-6732	JIS	M.D.	83.9
		T.D.	79.4
Tear Strength [N] K-6732	JIS	M.D.	25.4
		T.D.	25.6
Elongation [%] K-6732	JIS	M.D.	358
		T.D.	398
Cold Crack test [°C] K-6772	JIS	M.D.	-45
		T.D.	-40
Light Transmission [%] K-7051	JIS	86.8	
Weather Resistance	500 hours	No major physical property change	

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Product features
<ul style="list-style-type: none"> * Calendered * Reach compliant * Made in Japan * Proven field performance * Printed Grid Pattern (250mm x 248mm) * UV stabilised - Little discolouration * High Clarity - Transparency * 2-3% shrinkage * Easy to clean * Blocks 90% of UV Solar Raditation * Excellent weatherability (High & Low temperatures)