

Product Information Sheet

Viper & Viper Vintage,
Oxford, Cuzco, Globe



Made in Canada



RoHS compliant



REACH compliant



Safety for Toys



ISO9001: 2015 certified by Intertek



IMO MED certified



Formulated without Ortho-Phthalates



100% Vegan Leather

Physical Properties



PVC +
Polyester



695g
(± 45)



140cm
(+5)



1,0mm
(± 0,1)



300 000
cycles



Newton/25.4mm
W: ≥27
F: ≥27

Property	Method	Standard	Tolerance
Crocking	CFFA 7	Rating Wet: Good Rating Dry: Good	
Tensile* (N)	ASTM D751	MD: 410 CMD: 310	
Single Tear* (N)	CFFA 16; ASTM D2261	MD: 58 CMD: 49	
Trapezoid Tear* (N)	ASTM D751	MD: 89 CMD: 89	
Stretch Under Load* (%)	SAE J855	MD: 21 CMD: 115	
Permanent Set* (%)	SAE J855	MD: 4 CMD: 20	

*Typical Values: These values are average results, not minimums.

*MD: Machine Direction. CMD: Cross-Machine Direction

Market Application Features

Property	Method	Standard
Weather Resistance / UV Resistance	ASTM G153; Cycle 1, 1 000 hrs	No significant colour change or stiffening, Min AATCC 4, UV coefficient ≥7 Blue Wool scale
Mildew Resistance	ASTM G21	No growth or discolouration
Blocking Resistance	CFFA 4	2 max.
Cold Resistance (°C)	CFFA 6a (vinyl out)	-32; no cracking of the skin
IMO MED Wheelmark	COA 164144-13 20190508	



Fire
Retardancy

EN 1021-1 and 2
IMO MSC 88/26/ADD. 2 Part 8 (3.1 and 3.2)
NF P 92-503, M2
DIN4102, B2
R118, Annex-6, -7 & -8
AS.1530.3
ISO 3795 < 100mm/min (FMVSS-302)

Note: The information stated is, to the best of our knowledge, accurate. It is offered for verification and reference purposes only. Morbern Inc. offers no warranty and assumes no liability for actual reliance on this information.

Note: This product Information Sheet contains both quality and design specifications.

Supplied by Vyva Fabrics

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