



ORCA® 866

Base fabric : Polyester High tenacity **1670 dtex – 1500 deniers**
Coating : Ext : Chlorosulfonated Polyethylene (CSM) / Polychloroprene (CR)
 Int : Polychloroprene (CR)

Specifications	Standard-Test	Direction	Result (Imperial)	Result (Metric)
Surfacic Mass	ISO 2286-2		46,2 oz/yd ² ± 4,87	1 565 g/m ² ± 165
Tensile Strength	ISO 1421 ASTM D 751 / B	CH (W)	≥ 562 lbs/in	≥ 500 daN/5cm
		TR (F)	≥ 517 lbs/in	≥ 460 daN/5cm
Tear Resistance	ISO 4674-1 ASTM D 751 / B	CH (W)	≥ 56,2 lbs	≥ 25 daN
		TR (F)	≥ 45,0 lbs	≥ 20 daN
Permeability (Helium) Zeppelin Test	NFG 37 114			< 2,5 l/m ² /24H
Peeling Test Adhesion	ISO 2411 ASTM D 751		≥ 16,85 lbs/in	≥ 15 daN/5cm
Low Temperature Resistance	NF EN 1876-2 ASTM D 751		≤ - 4 °F	≤ - 20 °C
Heat Aging 7 day at 158 °F (70°C)	NF EN 12280 - 1		Tensile strength unchanged	
Hydrocarbon Resistance	ISO 1817		Tensile strength unchanged	

Standard width: ≥ 57 in – ≥ 145 cm

Standard colors: Please refer to the ORCA® catalogue

Carbon finishing: To be used only for elements of design above waterline

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The information supplied herein is based upon data currently available. Suggested applications are purely indicative and do not imply any warranty on serviceability. The client should always proceed with its testing and validation. Pennel & Flipo makes no guarantee of results and assumes no obligation or liability whatsoever in connection with this information. There are no warranties, either expressed or implied, including the warranty for fitness or merchantability, unless expressly set forth herein.

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