



ORCA® 820

Base fabric : Polyester High tenacity **1100 dtex – 990 deniers**
 Coating : Ext : Chlorosulfonated Polyethylene (CSM) / Polychloroprene (CR)
 Int : Polychloroprene (CR)

Specifications	Standard-Test	Direction	Result (Imperial)	Result (Metric)
Surfacic Mass	ISO 2286-2		33,6 oz/yd ² ± 3,54	1 140 g/m ² ± 120
Tensile Strength	ISO 1421 ASTM D 751 / B	CH (W)	≥ 337 lbs/in	≥ 300 daN/5cm
		TR (F)	≥ 337 lbs/in	≥ 300 daN/5cm
Tear Resistance	ISO 4674-1 ASTM D 751 / B	CH (W)	≥ 31,5 lbs	≥ 14 daN
		TR (F)	≥ 31,5 lbs	≥ 14 daN
Permeability (Helium) Zeppelin Test	NFG 37 114			< 3 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		≤ - 22 °F	≤ - 30 °C
Heat Aging 7 day at 158 °F (70°C)	NF EN 12280 - 1		Tensile strength unchanged	
Hydrocarbon Resistance	ISO 1817		Tensile strength unchanged	
Fill Distortion	NFG 37 119/1		80% ≤ 1,18 in	80% ≤ 3 cm
			Maxi 1,97 in	Maxi 5 cm

Standard width: ≥ 57 in – ≥ 145 cm
Standard colors: Please refer to the ORCA® catalogue

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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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