



### Production Process



50% less energy consumption



60% less CO<sub>2</sub> emissions



80% less water consumption

### Technical Details

	Pirontex®	Oxford 500D
Yarn count	2 x 300D = 600D (double spun)	500D
Weight	255 g/m <sup>2</sup>	220 g/m <sup>2</sup>
Elongation (EN 53360)	6 % permanent elongation	9.4 % permanent elongation
Bending strength (DIN EN ISO 32100)	without UV exposure: cracking after 100,000 folds  with UV exposure: cracking after 31,500 folds	without UV exposure: cracking after 20,000 folds  with UV exposure: cracking after 8,000 folds
Water column (DIN EN 20811)	5,000 mm	1,600 mm
Light fastness	dyed thread	dyed fabric
	(DIN EN ISO 105-B02)  (DIN EN ISO 105-A02)	bluescale: 7-8 (of max. 8)  greyscale: 4.5 (of max. 5)
Coating	nano coating: water, oil and dirt repellent	water repellent
Fire protection class (DIN EN 13501-1: 2018)	B - s2, d0 (difficult to ignite)	B - s2, d0 (difficult to ignite)

Pirontex®

Oxford 500D

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