



## Technical Details

	Pirontex®	Oxford 500D
<b>Yarn count</b>	2 x 300D = 600D (double spun)	500D
<b>Weight</b>	255 g/m <sup>2</sup>	220 g/m <sup>2</sup>
<b>Elongation</b> (EN 53360)	6 % permanent elongation	9.4 % permanent elongation
<b>Bending strength</b> (DIN EN ISO 32100)	without UV exposure: cracking after 100,000 folds	without UV exposure: cracking after 20,000 folds
	with UV exposure: cracking after 31,500 folds	with UV exposure: cracking after 8,000 folds
<b>Water column</b> (DIN EN 20811)	5,000 mm	1,200 mm
<b>Light fastness</b> (DIN EN ISO 105-B02)	dyed thread	dyed fabric
	bluescale: 7-8 (of max. 8)	bluescale: 4.5-6.5 (of max. 8)
	(DIN EN ISO 105-A02) greyscale: 4.5 (of max. 5)	greyscale: 3.5 (out of max. 5)
<b>Coating</b>	nano coating: water, oil and dirt repellent	water repellent
<b>Fire protection class</b> (DIN EN 13501-1: 2019)	B - s2, d0 (difficult to ignite)	B - s2, d0 (difficult to ignite)

## Production Process Pirontex®



50% less energy consumption



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



80% less water consumption