

Building up moments.

 **MASTERTENT®**



**PIRONTEx®**

**PIRONEERING THE FUTURE**

the new premium fabric

Demonstrated pioneering spirit

# Innovation and resilience

Adaptable, resistant and durable. We have taken nature as our model and developed the **worldwide unique fabric Pirontex®** together with our textile manufacturer. Pirontex®, a product by Zingerle AG, is more sustainable in its production than conventional textiles and is characterised by its longevity.

A higher elasticity ensures that the fabric adapts perfectly to the aluminium structure. Thanks to the use of a 600D thick thread as well as the ingenious construction of the fabric, the textile gets more body and robustness. Special nano-coatings make the fabric particularly resistant to dirt and water. Furthermore, it can withstand winds of up to 100 km/h and is fire-retardant.

Moreover, Pirontex® guarantees **excellent long-term colourfastness**. It maintains its original colour even when exposed to intense sunlight and/or humidity as well as when used over a long period of time. This is proved by its high lightfastness, which was classified with a 7-8 grade (out of 8).

The Pirontex® fabric also distinguishes itself by its elegant, matt appearance, it is extremely tear- and UV resistant and keeps its shape.

Choose from our

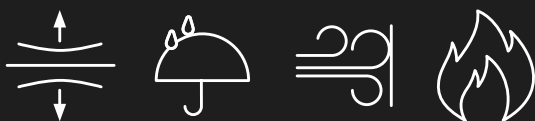
13 Pirontex® colours:

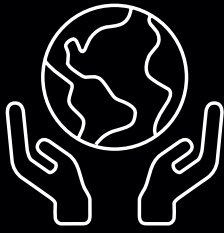


## Distinguishing features

# Pirontex® vs. Oxford

	Pirontex®	Oxford 500D
<b>Yarn count</b>	2 x 300D = 600D (double yarn)	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  with UV exposure: cracking after 31,500 folds	without UV exposure: cracking after 20,000 folds  with UV exposure: cracking after 8,000 folds
<b>Water column</b> (DIN EN 20811)	5,000 mm	1,600 mm
	dyed yarn	dyed fabric
<b>Light fastness</b> (DIN EN ISO 105-B02)	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 (of max. 5)
<b>Coating</b>	nano-coating: water, oil and dirt repellent	water-repellent
<b>Fire protection class</b> (DIN EN 13501-1: 2018)	B - s1, d0 (difficult to ignite)	B - s1, d0 (difficult to ignite)





For the world of tomorrow

# Sustainability is not a state, but a path

With the development of Pirontex® we have succeeded in creating a highly resistant material that has been critically tested for all environmental aspects right from the start.

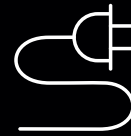
We paid particular attention to the dyeing process which, in the textile industry, is often associated with a high environmental impact.

In the production of our new textile we use 50 % less energy, 80 % less water and reduce CO<sub>2</sub> emissions by 60 %.

We can safely dispense with discredited dyeing plants and we also achieve a longer-lasting colour result.



Production  
Process  
Pirontex®



**50 % less energy  
consumption**



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



**80 % less water  
consumption**