

Dyneema



HunterDouglas®
Scandinavia

Dyneema®

Material Description

High strength/low weight – Dyneema® is 15 times stronger than steel, and 40% stronger than aramids on a weight-for-weight basis.

Low specific gravity (0.97) - Dyneema® floats on water and is ideal for lightweight solutions.

Excellent chemical resistance - Dyneema® is chemically inert, and independent studies have confirmed that Dyneema® performs well in dry, wet, salty and humid conditions, as well as other situations where chemicals are present.

UV resistant – Products made with Dyneema® fiber show strong resistance to photo degradation when exposed to UV light. The high UV resistance of the fiber ensures continuing high performance.

Moisture resistant - Dyneema® fiber is hydrophobic. It resists water absorption, providing an extra level of protection and durability.

High durability - Dyneema® fiber can withstand the harshest environments for a longer time. This is due to its inherent strength, and its resistance to many damaging chemical agents..



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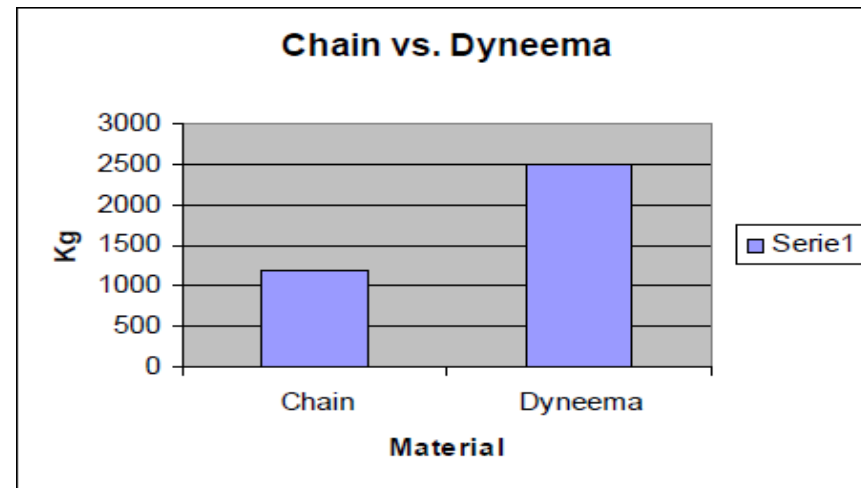
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Dyneema tape instead of chain

The Dyneema tape that we use in the new FA20, FA40 & FA60 arms have the same strength as the chain that was in the Ibiza awning. The tape is always used in a loop in the elbow and this gives that the strengths of the Dyneema tape has **double strength** compared to the Ibiza chain in the arm.

The test we have done on the chain is that it breaks at 12 kN (1200 kg). The loop of the Dyneema tape breaks at 25kN (2500 kg).

For more information: www.dyneema.com



Used in awnings for a long time

A sister company in the Hunter Douglas Group has used Dyneema in 8 years on some of their products

Turnils has used Dyneema in FA62 (Cabrera) & FA64 (Cabrera XL) in 4 years



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