
High Performance Staple Fibers

 **Dyneema**[®]

Twaron[®]

Technora[®]

Vectran[™]

ZYLON[®]





High Performance Staple Fibers

Through our partners, we have direct access to the world's leading high performance continuous fibers. We are able to create customized staple fibers tailored to your needs. High Performance Staple Fibers are usually blended with traditional materials to significantly increase the performance in the end product. All High Performance Fibers have their own unique strengths. We advise our customers on different fibers depending on their focus areas.

Polymer	Brand name	Denier per filament	Color	Strenghts
UHMwPE	Dyneema®	2 DPF	White/Black	Cut / Chemical resistant and light weight
PPTA	Twaron®	1.5 DPF	Yellow/Black	Heat / cut resistant
PPTA	Technora®	1.5 DPF	Dark Beige/Black	Heat / Chemical resistant and dimensional stability
LCP	Vectran®	5 DPF	Beige/Black	Dimensional stability, Chemical and Acid resistant, vibration damping
PBO	Zylon®	1.5 DPF	Gold	Heat resistant, dimensional stability, abrasion resistant, Chemical resistance.

Cutting lengths: 32, 38, 50, 60, 80, 90, 100, 120 & 150mm

Levi's 501 denim reinforced with Dyneema® staple fiber

One of the most interesting and most recent applications of Dyneema® staple fiber were developed in a cooperation between Levi's Strauss & Co and EuroFibers. Levi's Strauss & Co. launched its famous Levi's 501 reinforced with Dyneema® as the Levi's 501 STA-Strong Warrior with great success. This application in denim is just one example how High Performance Fibers are able to create comfortable denim with increased abrasion resistance and tear strength.

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Vectran® is a registered trademark of Kuraray Co., Ltd..

Twaron® and Technora® are registered trademarks of Teijin Aramid B.V..

Zylon® is a registered trademark of Toyobo Co., Ltd..

