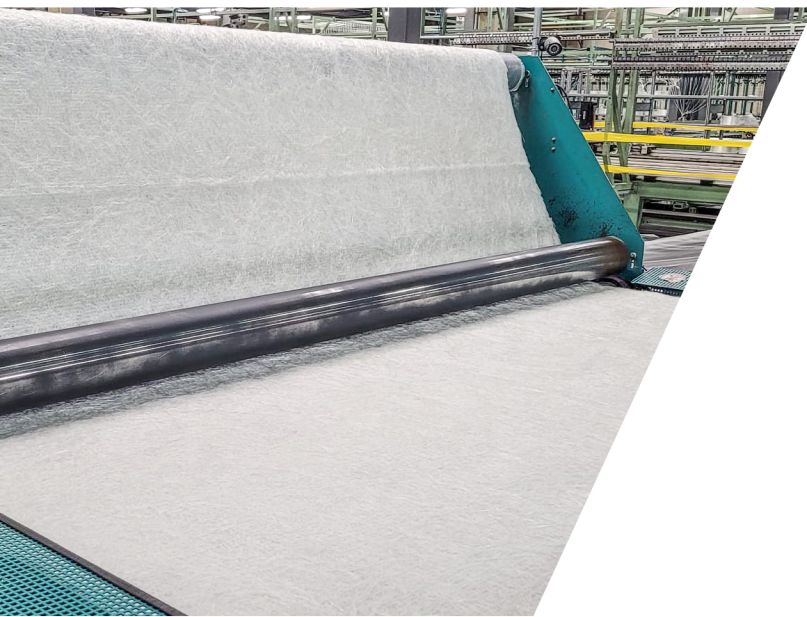


ENGINEERED FOR PULTRUSION. BACKED BY METYX.

METYX, a global leader in technical textiles and composite reinforcements, proudly introduces MATVANTAGE PLUS and MATVANTAGE PV – next-generation Continuous Filament Mat (CFM) products designed for high-performance pultrusion applications.

Developed with sustainability, speed, and process compatibility in mind, these products bring you superior mechanical properties, easy handling, and enhanced throughput. Whether for construction, infrastructure, automotive, or renewable energy, METYX delivers solutions tailored to industrial performance and environmental goals.



Introducing

MATVANTAGE **PLUS**

A pure, stitch-bonded CFM with zero binder, ideal for fast pultrusion and structural strength

and MATVANTAGE **PV**

Combines MATVANTAGE PLUS with a surface veil for better part appearance and weatherability.

Applications

- Exceptional weight consistency ensures reliable reinforcement and smooth processing.
- Strong dry tensile properties minimize tearing, even with narrower widths.
- Soft texture allows the mat to easily adapt to complex shapes.
- Uniform white color across all density levels.
- No loose fibers, thanks to stitch bonding technology that secures strands firmly.
- Suitable for slitting to desired widths, splicing, and creeling processes.
- Backed by METYX comprehensive technical expertise.
- Production facilities maintain quality management systems in accordance with ISO9001:2015 standards.

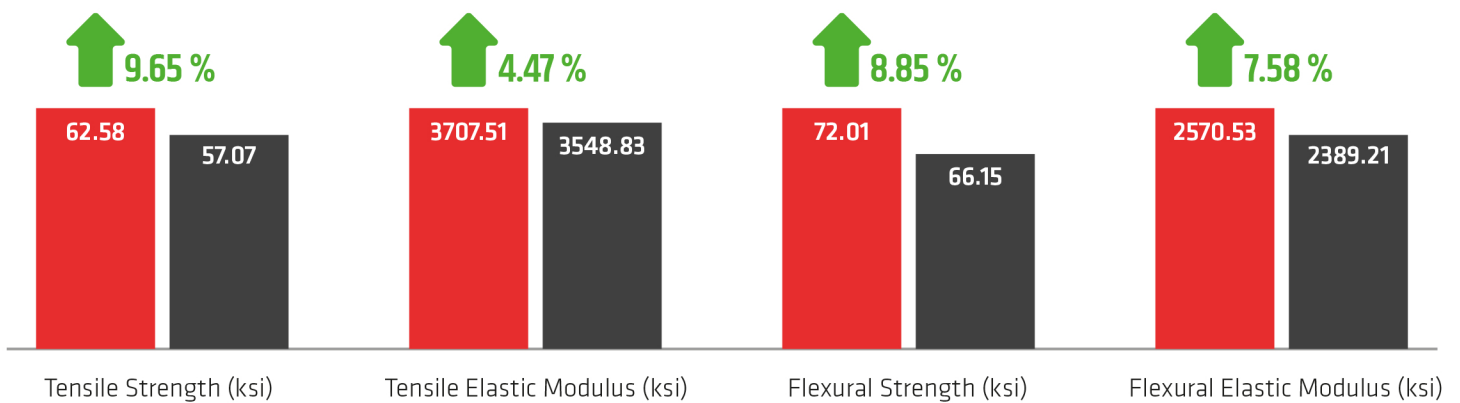
Key Benefits at a Glance



- ✓ Zero binder - Less buildup, better line efficiency
- ✓ Soft, drapable texture - Adapts to complex shapes easily
- ✓ Homogeneous fiber distribution - Reduces voids and dry spots
- ✓ Multi-resin compatibility - Polyester, Vinyl Ester, Epoxy
- ✓ Excellent tensile strength - Especially in narrow-width profiles
- ✓ Improved process efficiency - Reduces setup times & labor
- ✓ Built for automation - Smooth feeding on high-speed lines
- ✓ Consistent weight & white finish - Reliable and clean every time

Type of Fiber	E-Glass (ASTM D 578-98)		
Type of sizing (compatibility)	Silane		
Roll Length (m)	213 (698.8 ft)	142 (465.88 ft)	125 (410.10 ft)
Areal Weight (g/m ²)	300 (8.85 oz/yd ²)	450 (13.28 oz/yd ²)	600 (17.70 oz/yd ²)
Tensile Strength, kg	21 (46.3 lbs)	34 (74.9 lbs)	56 (123.5 lbs)
Surface veil type	Spunbond PES 35 gr/m ² - 50 gr/m ² (11.03 oz/yd ² - 1.47 oz/yd ²)		
Surface veil	Polyester Veil		

Parameter	Tensile Strength	Elastic Modulus	Flexural Strength	Elastic Modulus
Unit	ksi	ksi	ksi	ksi
Matvantage Plus (Mean)	62,58 ± 3,88	3707,51 ± 317,02	72,01 ± 5,29	2570,53 ± 162,538
Market Leading Product - MLP (Mean)	57,07 ± 6,98	3548,83 ± 317,40	66,145 ± 7,76	2389,2 ± 283,961
Performance Advantages	9.65%	4.47%	8.85%	7.58%



█ MATVANTAGE
 █ MLP