



Light but
DURABLE

PERFORMANCE LINE

Norafin  [®]
materials for life



Technical Nonwovens for Composite Structures

When developing nonwovens for composite structures, our focus is on performance and sustainability. Whether for roller coatings, cable applications, body armor, or renewable energy sources, our high-quality nonwovens are increasingly used for a wide range of applications.

POWERFUL FIBER CHOICE

- ✓ high-performance man-made (aramid) and natural fibers (flax, hemp) used for composite structures
- ✓ flexibility regarding the fiber diameter and length

EXCELLENT MATERIAL CHARACTERISTICS

- ✓ light-weight
- ✓ flexible, conformable
- ✓ tear-resistant and durable
- ✓ homogeneous texture
- ✓ rapid wet-out
- ✓ easy to impregnate
- ✓ isotropic fiber orientation and strength in all directions
- ✓ antistatic

PERFORMING PRODUCT OPTIONS

- ✓ increasing safety and material strength
- ✓ excellent optical appearance and surface finish
- ✓ intermediate volume fraction reinforcement
- ✓ electrical conductivity

WIDE RANGE OF APPLICATIONS

- ✓ public transport / aviation
- ✓ motorsports / yachting
- ✓ leisure sports equipment
- ✓ tubes / CiPP
- ✓ wire and cable applications
- ✓ roll covers
- ✓ body armour and ballistic protection

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PROCESS CAPABILITIES

Needlepunch Technology

Basis weight range: 60 – 1,000 g/m²
Width upon request: max. 2.10 m

Spunlace Technology

Basis weight range: 15 – 750 g/m²
Width upon request: max. 2.20 m





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NO Composite 01/2024



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