

SMACWRAP®

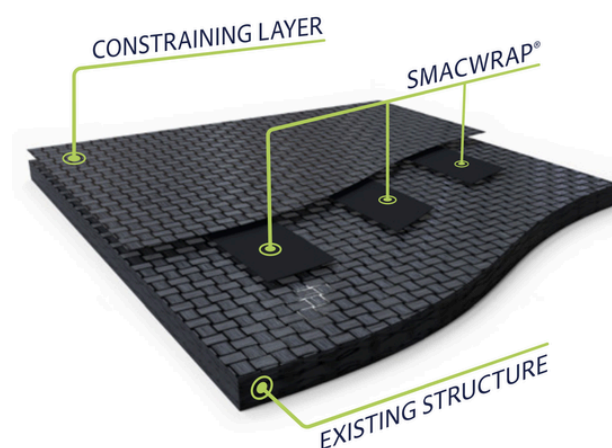
Noise & Vibration Reduction Solution



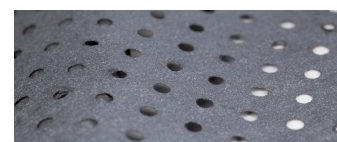
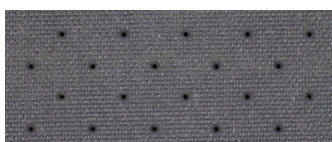
SMACWRAP® is an advanced unconstrained damping layer solution designed to enhance the performance of composite structures. Composed of a lightweight and high-damping viscoelastic material, SMACWRAP® is engineered to significantly improve behavior under impact and reduce sound characteristics and structural vibrations.

Ideal for aeronautical, space, defense, and automotive sports applications, SMACWRAP® provides versatile and reliable damping solutions for various composite structures. It is particularly effective for parts known for their rigidity, offering superior stability and acoustic performance.

SMACWRAP® operates effectively across a wide range of environments and is compatible with CFRP, GFRP, thermoplastics, and metals, making it a versatile choice for numerous applications. The material is available in both cured and uncured versions, providing flexibility for different use cases.



Custom design variants



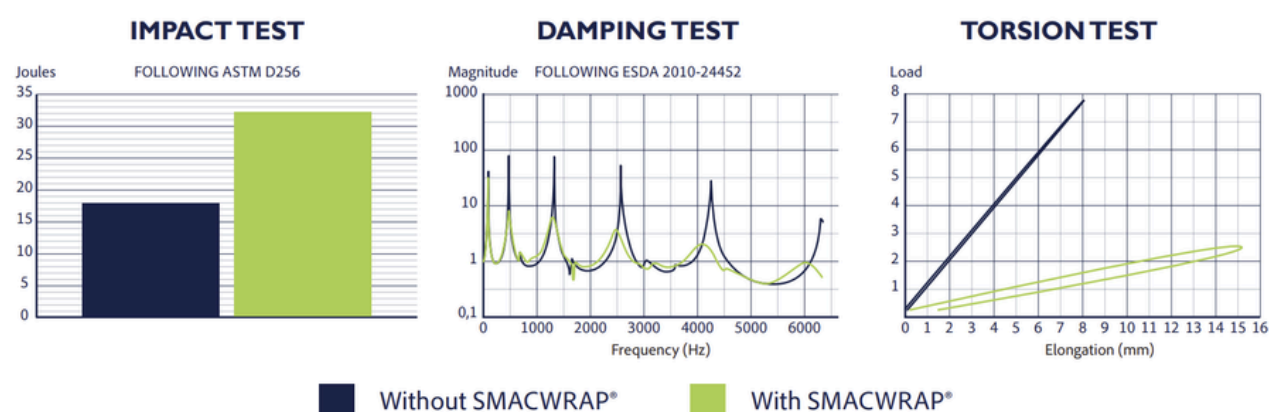
Key features of SMACWRAP® include:

- Excellent efficiency-to-weight ratio
- High reliability of damping material
- Compatible with most curing processes
- Embedded and invisible damping solution

Applications of SMACWRAP® include:

- Damping for composite structures
- Noise Reduction
- Psychoacoustic tuning
- Impact and splintering protection
- Flexible linking
- Fatigue reduction

SMACWRAP® is delivered in rolls and is designed to meet the demanding requirements of various industries, ensuring high performance and reliability in every application.



Product Range : Cured Version

Product Manufacturing code	Name	Surfacic weight	Thickness
100496-01	SMACWRAP C 0.12	142 g/m ² ± 24g (0.0291 psf ± 0.0049 psf)	0,12 mm ± 0.02 mm (0.0047 in ± 0.0007 in)
101491-01	SMACWRAP FR60 0.60	894 g/m ² ± 149g (0.1831 psf ± 0.0305 psf)	0,60 mm ± 0.10 mm (0.0236 in ± 0.0039 in)
101492-01	SMACWRAP FR60 1.00	1490 g/m ² ± 224g (0.3052 psf ± 0.0459 psf)	1 mm ± 0.15 mm (0.0394 in ± 0.0059 in)
101494-01	SMACWRAP FR60 1.60	2384 g/m ² ± 224g (0.4883 psf ± 0.0459 psf)	1,60 mm ± 0.15 mm (0.0630 in ± 0.0059 in)

Options : Adhesive can be laminated to one side of the product. Please ask for the reference

