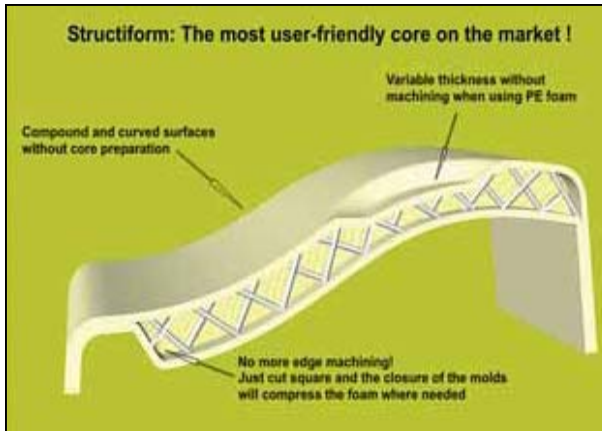


NIDA FUSION STF

CLOSED MOLDING CORE



Applications : +Automotive industry
+Marine small parts
+Industrial cowling

Principle :

3-dimensional fibreglass reinforcement on a closed cell flexible foam backing.

Advantages and properties :

- Instantaneous cold forming
- Can be bent in several directions
- Allows for variable sandwich thickness
- Reduces labour time

Thickness of panels : from 5 to 40 mm.

NidaFusion STF can be cut with a pair of scissors or a knife. Impregnation takes place in a closed mould. It is particularly suitable for the RTM light and vacuum processes.

					Shear strength (ASTM 273-61)		Compression strength (ASTM C 365)	
	Foam	Triangulation an- gle	Reinforcements on each side	Step of triangulations	Max strain (Mpa)	GXZ modulus (Mpa)	Max strain (Mpa)	EZ modulus (Mpa)
Complexes <i>NidaFusion</i> <i>STF</i>	PE 35 Kg	45°	Taffeta 880g	25	0,82	18,7	1,36	59,9
	PE 35 Kg	60°	Taffeta 880g	25	0,64	15,2	1,53	113,9

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All tests carried out by independent laboratory. This information is provided in good faith and is subject to modifications without prior notification. It does not constitute a commitment, neither a contractual document. Nida-Core Corp will not assume any liability form use or misuse of data presented herein. Assessment of suitability is the responsibility of end user only.

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