



905A-AC SMC FOR VINYL ESTER & POLYESTER

High performance for fast wet-through and good density.

905A-AC is a reinforcement for Sheet Molding Compound (SMC), which offers improved processing over conventional products in vinyl ester resins and where fast wet-through and good sheet density are required.

- Made from Advantex® glass.
- Compatible with polyester and vinylester resin systems.
- Manufactured from a collection of continuous glass filaments, gathered, without mechanical twists, into a split strand.

Product Benefits

Excellent processability

- Good impregnation and wet-through characteristics enable 10–65% glass loading, easy unwinding and chopping, flat lay-down & uniform dispersion with low fuzz and static.
- Supports high line speeds for sheet compound wet-out/wet-through in high-glass content compounds where accelerated line speeds are desired.

Great Mechanical Properties and Class-A Auto Surface

- Good product flow within mold, along with desirable wet-through characteristics allow lower sheet density and low sheet squeeze out, resulting in complex decorative contours, excellent mechanical properties, a Class A automotive surface and high stiffness in the final part.

Enhanced Service Life

- Advantex® glass helps fight corrosion, enhancing service life compared to standard E-glass.

Applications

905A-AC roving is designed for automotive structural and semi-structural applications.

905A-AC also supports a wide variety of SMC applications and can be used in compounds that require standard line speeds.

Availability

905A-AC is available in North America. Other Tex may be available upon request.

MANUFACTURING REGION	PRODUCT/DOFF DESCRIPTION	EXTERNAL Ø (IN)	HEIGHT (IN)	NET WEIGHT (LB)
North America	905A-AC 4400 Tex	14	10.3	67.5

Technical Characteristics
(Nominal Values)

LINEAR WEIGHT OF ROVING (TEX) (KG/KM)	YIELDS (YDS/LB)	LOSS ON IGNITION (%) ISO 1887:2014
905A-AC 4400	113	1.73 nom

Packaging & Labeling
(Standard Reference)

Each bobbin is protected by a plastic film (Tack-Pak®). Please do not remove film during use. Creel-Pak® packaging is available upon request.

Each bobbin has a self-adhesive identification label, showing the product reference and the production date. Each pallet has at least one identification label detailing the product reference, pallet net and gross weights, production date, and pallet production code. The packaging system is designed to allow short-term stacking of two pallets. When stacking two high, care should be taken to correctly and smoothly place the top pallet. It is recommended to use a plywood plate between the two pallets in order not to damage the lower pallet.

MANUFACTURING REGION	PRODUCT	DOFF Ø (IN)	PALLET DIM. LxWxH (IN)	LAYERS PER PALLET	DOFFS PER LAYER	NUMBER OF ENDS	PALLET NET WEIGHT (LB)
North America	905A-AC 4400 Tex	14	56 x 43 x 47	4	12	12	3,240

Storage

It is generally recommended to store glass fiber products in original packaging in a cool, dry area, preferably 60°F–80°F with relative humidity between 35% and 75%. The packaging system is designed to allow short-term stacking of two pallets (maximum). When stacking two high, care should be taken to correctly and smoothly place the top pallet. It is recommended to use a plywood plate between the two pallets in order not to damage the lower pallet.



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