



## Product description:

StarRov® 895 is manufactured by directly winding of continuous E-glass fiber filaments of defined diameter into a cylindrical roving package. Each filament is uniformly coated with a silane-based sizing compatible with different types of engineering thermoplastics polyamide resins.

StarRov® 895 direct roving is mainly designed for the manufacturing of thermoplastic tapes, prepregs and organosheets as well as for use in LFT and Direct-LFT processes. The majority of applications primarily cover the automotive industry where light weighting and CO2 emission reductions have become crucial.

## Resin compatibility:

- Standard and specialty polyamides
- PPA

## Benefits:

- Excellent fiber spreading and fiberglass wet out of thermoplastic polyamide tapes, prepregs and organosheets
- Excellent wet out at high glass load LFT and D-LFT processes
- Robust fiber resisting high tension for high speed processing
- High mechanical properties
- Pre-heating possible
- Global product available both in NA and EU



## Designation: Glass type is E-Glass

JM Designation	Region	Filament diameter (µm)	LOI content (%)	Moisture content (%)	Linear density Tex (g/km) Yield (Yd/Lb)
StarRov® 895 2400	EU	16	0.3	0.15	2400 Tex
StarRov® 895 1200	EU	16	0.3	0.15	1200 Tex
StarRov® 895 AH 207	NA	16	0.3	0.12	207 Yield
StarRov® 895 AH 225	NA	16	0.3	0.12	225 Yield
StarRov® 895 AH 450	NA	16	0.3	0.12	450 Yield

Bobbin dimensions:

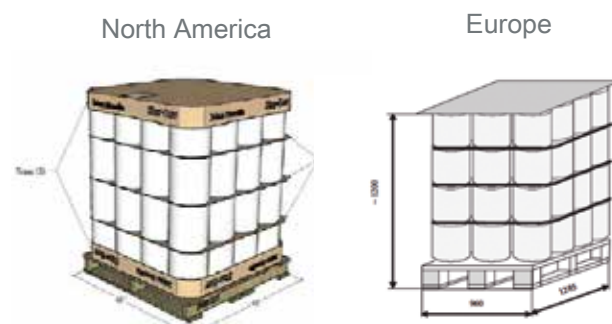
Region	Typical weight	Inner diameter	Outer diameter	Height
EU	19-20 kg	165 mm	300 - 310 mm	260-290 mm
NA	39 lbs	6.38 inch	11.40 inch	10 inch

Packaging:

Region	Packaging wrap	Pallet dimensions	Net weight per pallet	Bobbins per pallet
EU	Stretch foil	1285 x 960 x 1400 mm	920 kg	48
NA	Stretch wrap and poly bag	48 x 48 inch	2500 lbs	64

Storage:

These products should be stored in original packaging in dry, roofed, dust free storehouses. The recommended temperature is between 10°C to 30°C (50°F to 86°F) at relative air humidity between 50% to 75%. The products should remain in the original packaging and be conditioned in the work area for a minimum of 24 hours prior to use. The pallets should be single stacked unless otherwise specified on the packaging unit.

Values:

All data represent typical average values.

Warranty disclaimer :

The physical (or chemical) properties of Johns Manville products represent typical average values obtained in accordance with accepted test methods at the time of manufacture and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check the Johns Manville office to assure current information. For a copy of the Johns Manville Limited Warranty and Limitation of Remedy or other product information, contact your local Sales Representative.

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