

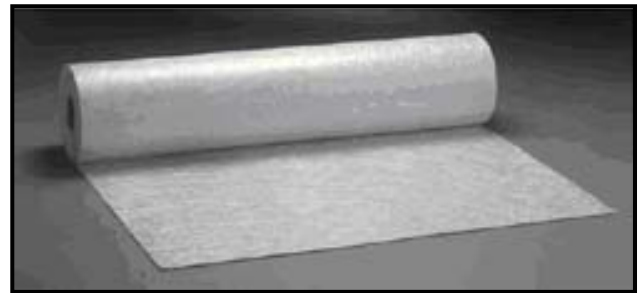
M137

Chopped Stand Mat for Hand Lay-up

This product is manufactured using Advantex® glass fiber. Advantex® glass fiber combines the electrical and mechanical properties of traditional E-glass with the acid corrosion resistance of E-CR glass.

PRODUCT DESCRIPTION

M137 is made of randomly orientated medium size chopped strands bonded together in mat form using a powder binder extremely soluble in styrene. Sizing system combined with the binder properties make M137 highly compatible with polyester, vinylester and epoxy resins.



PRODUCT REFERENCE

Example : M137 300-1040 2E
 M137 : OCV Reinforcements product code
 300 : Nominal mass per unit area (g/m²)
 1040 : Roll width (mm)
 2E : Number of trimmed edges (zero, one or two)

FEATURES AND PRODUCT BENEFITS

- | | |
|------------------------------------|---|
| • Excellent conformability | • The ease of handling and ability to conform rapidly to complex shape molds helps in reducing handling time. |
| • Excellent impregnation | • Fast wetting and rapid air release maximize productivity and reduce resin demand, thereby reduce cost. |
| • Good mechanical properties | • Good bonding with resin provides excellent mechanical properties of laminate as demonstrated by Lloyd's certification |
| • Excellent properties of laminate | • Excellent clarity of the UP laminate combined with good chemical corrosion for the most exigent applications. |

TECHNICAL CHARACTERISTICS (nominal values)

Mass (g/m ²)	Loss on Ignition (%)	Moisture (%)
ISO 3374	ISO 1887	ISO 3344
300 ± 36	3.7% ± 1.0	0.20 max
380 ± 46	3.2% ± 1.0	
450 ± 54	3.2% ± 1.0	
600 ± 72	3.0% ± 1.0	

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PRODUCT AVAILABILITY (roll characteristics)

Mass per unit area (g/m ²)	Roll Width (mm)	Diameter (cm)	Length (m)	Net Weight (kg)
300	1040 / 1860	27	96	30.0 / 53.6
380			76	
450			64	
600			48	

Additional widths (until 3000mm) are available upon request.

PACKAGING (standard ref.)

- Each roll is wound on a cardboard tube (internal diameter 77mm) and packaged in an individual cardboard box 28cm x 28cm (L x W).
- Sixteen rolls are packed vertically on a wooden pallet and film wrapped for stability and protection.

Roll Width (mm)	Pallet dimensions L x W x H (cm)	Nominal net Weight (kg)
1040	114 x 114 x 112	480.0
1860	114 x 114 x 202	857.6

LABELLING

- Each roll bears a sticker indicating product reference, nominal weight & length as well as production date & time.
- Each pallet bears two labels with the information: Product reference, net & gross weight, product code, identification code and production date.

STORAGE

M137 mat should be stored in its original packaging in a dry & cool place; best conditions are at room temperature of 10 to 35°C and humidity of 35% to 85%. If the product is stored at lower temperature, it is advisable to condition it in the workshop for at least 24 hours prior to product use: this is to prevent condensation. Pallets can be stacked one on one for smaller roll width (≤ 1300 mm) but it is recommended to use wood board between the two.



OCV™ Reinforcements

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