

Technical Data Sheet

NO.: 034.12030.010

Identification

	<p><b>Example:</b> LTM1200/300</p> <p><b>LTM:</b> Biaxial (0°/90°) with mat</p> <p><b>1200:</b> Nominal weight per square meter(g/m<sup>2</sup>) of Biaxial</p> <p><b>300:</b> Nominal weight per square meter (g/m<sup>2</sup>) of mat</p>
--	---

Specifications

Constructions	Standard NO.	Area Weight		Tolerance %	Material
		g/m <sup>2</sup>	Oz/yd <sup>2</sup>		
0°	ISO 3374	672	19.82	±5	E-Glass 2400tex
+45°	ISO 3374	/	/	/	/
90°	ISO 3374	536	15.81	±5	E-Glass 1500tex
-45°	ISO 3374	/	/	/	/
Mat	ISO 3374	300	8.85	±10	E-Glass 2400tex
Stitching Yarn	ISO 3374	21	0.62	±5	Polyester 167d'tex
Total Area Weight	ISO 3374	1529	45.10	±5	/

Remark: Above are standard specifications, other customized specifications to be discussed.

Technical parameters

Stitch Gauge	E 07 GG	Stitch Type	Pillar/Tricot Stitch
Stitch Length	2.8mm	Warp Thread Count	28.0Threads/10cm or 7.1Threads/1inch
	0.1in	Weft Thread Count	35.7Threads/10cm or 9.1Threads/1inch
Width(Stitch or Loom Edges)	100 ~2540 mm(±10mm)	Standard Width	1270mm/50inch
	3.9 ~100inch (±0.4inch)	Fringe	≤5mm/ ≤0.2inch

Remark: Above are standard specifications, other customized specifications to be discussed.

Technical Data Sheet

NO.: 034.12030.010

**Physical Properties**

Moisture Content	≤0.2%	Loss on Ignition	0.5%~4.0%
------------------	-------	------------------	-----------

**Packing**

Roll Packing								
Roll Diameter		Roll Length		Roll Weight		Width		Packing Material
mm	inch	m	yds	kg	lbs	mm	inch	
250	9.84	26	28	50	110	1270	50	Carton
320	12.60	46	50	90	198	1270	50	Carton
380	14.96	65	71	127	280	1270	50	Craft Paper and Honeycomb Board
Pallet Packing								
Packing/Pallet		Rolls /Pallet	N.W.		G.W.		Pallet Size	
			kg	lbs	kg	lbs	mm	inch
250	4rolls×4layers	16	800	1764	846	1865	1300×1120×1130	51×44×44
320	3rolls×3layers	9	810	1786	840	1852	1320×960×1090	52×38×43
380	3rolls×3layers (vertical pallet)	9	1143	2520	1173	2586	1140×1140×1430	45×45×56
	3rolls×2layers (horizontal pallet)	6	762	1680	787	1735	1300×1120×890	51×44×35

**Remark:**

- 1.Roll weight can be customized.
2. All packing is NMG standard packing. Neutral packing & Customized packing to be discussed.

**Storage**

It is recommended that the fiber glass products be stored in a cool and dry environment.

The recommended temperature range of storage is between 10 ~ 30°C while the relative humidity is between 50 ~ 75%. The fiber glass products should remain in good packaging until using.

**Container Packing- for Roll Diameter 250mm**

Container Type	Size	Load	N.W.	G.W.
20'FCL	5.87m×2.33m×2.35m 19.3ft×7.6ft×7.7ft	16 Pallets	12800kg 28219lbs	13536kg 29842lbs
40'FCL	12m×2.33m×2.35m 39.3ft×7.6ft×7.7ft	25 Pallets	20000kg 44092lbs	21150kg 46628lbs
40'HC	12m×2.33m×2.66m 39.3ft×7.6ft×8.7ft	25 Pallets	20000kg 44092lbs	21150kg 46628lbs

**Container Packing- for Roll Diameter 320mm**

Container Type	Size	Load	N.W.	G.W.
20'FCL	5.87m×2.33m×2.35m 19.3ft×7.6ft×7.7ft	20 Pallets	16200kg 35715lbs	16800kg 37038lbs
40'FCL	12m×2.33m×2.35m 39.3ft×7.6ft×7.7ft	25 Pallets	20250kg 44644lbs	21000kg 46297lbs
40'HC	12m×2.33m×2.66m 39.3ft×7.6ft×8.7ft	25 Pallets	20250kg 44644lbs	21000kg 46297lbs

**Container Packing- for Roll Diameter 380mm**

Container Type	Size	Load	N.W.	G.W.
20'FCL	5.87m×2.33m×2.35m 19.3ft×7.6ft×7.7ft	16 Pallets	15240kg 33598lbs	15680kg 34568lbs
40'FCL	12m×2.33m×2.35m 39.3ft×7.6ft×7.7ft	22 Pallets	20955kg 46198lbs	21560kg 47532lbs
40'HC	12m×2.33m×2.66m 39.3ft×7.6ft×8.7ft	22 Pallets	20955kg 46198lbs	21560kg 47532lbs

### Disclaimer

As a service to customers, NMG Composites Co.,LTD may provide computer-generated predictions of the physical performance of a product using a reinforcement fabric produced by NMG in combination with other materials or systems.

NMG makes no warranty whatsoever as to the accuracy of any such predicted physical performance, and customer acknowledges that customer is solely responsible for determining the performance and fitness for a particular use of any product produced by customer utilizing a fabric or material produced or manufactured by NMG.

Specifications of reinforcements may change without notice.

Issuer: Joney Chen

Checker: Justin Mu

Date: 2015.12.22

Version No.: 2015-FR03

#### NMG COMPOSITES CO.,LTD

Wanli Village Chongfu Town  
Tongxiang, Zhejiang, China, 314511  
Tel: +86 573 88849111  
Fax: +86 573 88849112  
E-mail: [info@nmgchina.cc](mailto:info@nmgchina.cc) Web: [www.nmgchina.cc](http://www.nmgchina.cc)



#### NMG EUROPA APS.

Tel:+45 62201312 Fax: +45 62201477  
E-mail: [info@nmgeurope.eu](mailto:info@nmgeurope.eu) Web: [www.nmgeurope.eu](http://www.nmgeurope.eu)

#### NMG USA,INC.

Tel:+1 626 9652227 Fax:+1 626 9652227  
E-mail: [info@nmgamerica.us](mailto:info@nmgamerica.us) Web: [www.nmgamerica.us](http://www.nmgamerica.us)



Composites Solutions Provider