

## CYS-E-CSMH Chopped Strand Mat for Hand Lay-up

CYS-E-CSMH Chopped Strand Mat for hand lay-up is produced by E-glass chopped strands around 50mm in length, bonded together by powder or emulsion binder which is extremely soluble in styrene.

The slane sizing system of basic strands and the nature of the binder make E-CSMH suitable for use with epoxy, vinyl ester and UP resins in the following applications: automotive, trucks, sport and leisure, urban, industrial and marine parts, etc.

### Product Features

- ★ Excellent impregnation properties
- ★ Excellent conformability
- ★ Good mechanical properties
- ★ Good drapability

Type of Glass	E
Unit weight (g/m <sup>2</sup> )	100-900
Width (cm)	20-320
Binder	Powder, Emulsion

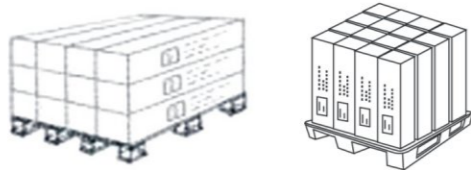


### Technical Parameters

Unit weight	Width	Moisture content	LOI
±10%	±5mm	≤0.2%	2~8%

### Storage

Chopped strand mat should be stored in its original packaging in a dry, cool and water-proof place. The recommended conditions are at temperatures from 15 to 35°C and humidity between 35 and 65%. To ensure safety and avoid damage to the product, the pallets should not be stacked more than three layers high, when the pallets are stacked in 2 or 3 layer, care should be taken to correctly and smoothly move the top pallet.



### Packaging

Chopped Strand Mat is wound onto a paper tube which has an inside diameter of 80mm. The roll outside diameter is approximately 275mm. Each roll is wrapped up in plastic film and then packed in a carton. The rolls are stacked horizontally or vertically onto pallets. All pallets are stretch wrapped and strapped to maintain stability during transport.

Carton height (mm)	Width+50
Roll inside diameter (mm)	80
Roll outside diameter (mm)	275
Roll weight (kg)	20~45

Pallet length (mm)	1140	1400
Pallet width (mm)	1140	1140
Pallet height (mm)	Width+50	Width+50



## CYS-E-CSMH 手糊玻璃纤维短切毡

CYS-E-CSMH手糊玻璃纤维毡是由玻璃纤维原丝或无捻粗纱，短切成50mm长，通过化学粘剂剂和机械作用结合在一起制成的薄片状制品。

手糊玻璃纤维短切毡用于手糊成型工艺。可减少铺层次数，提高手糊作业的效率。手糊成型工艺要求毡片具有树脂浸透速率快、容易消除气泡和覆模性好等特点。

手糊玻璃纤维短切毡适用于环氧树脂、乙烯基树脂、不饱和树脂等。主要用于生产具有均一截面和中等强度的制品，例如船体、汽车部件、运动器材、市政设施、浴室装置、水箱、家具等。

### 产品特性

- ★ 分布均匀，各向同性。
- ★ 与树脂相溶性好（浸透速度快、浸透性好、易脱泡、树脂耗用量小）。
- ★ 易施工，覆盖性能好。

玻纤类型	E
单位面积质量 (g/m <sup>2</sup> )	100-900
幅宽 (cm)	20-320
粘剂类型	粉剂, 乳剂



### 技术参数

克重范围	幅宽	含水率	可燃物含量
±10%	±5mm	≤0.2%	2~8%

### 存储

在没有特殊要求的情况下，无碱玻璃纤维短切毡应贮存在干燥和凉爽的地方，防止雨淋。建议24小时保持仓储环境温度平衡，控制温度15°C-35°C，环境湿度控制在35%-65%。



### 包装

无碱玻璃纤维短切毡是缠绕在内径80mm的纸管上，毡卷的外直径为275mm，用塑料薄膜做内部包装，外用纸箱进行包装，并以水平或垂直方式放置在托盘上。

纸箱高度 (mm)	幅宽+50
纸管内径 (mm)	80
毡卷外径 (mm)	275
卷重 (kg)	20~45

