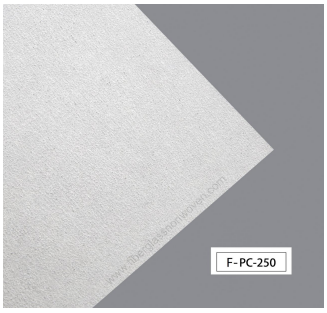
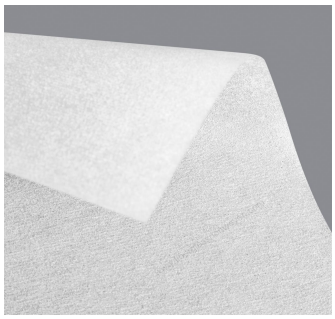
# PVC Impregnated Fiberglass Mat

## PRODUCT DESCRIPTION

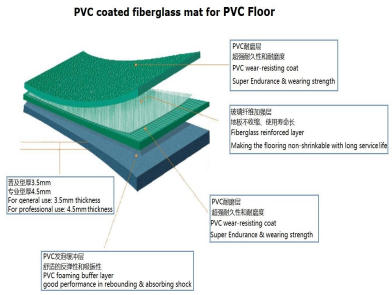
PVC floor is widely used because of light weight, beautiful design, not easy to wear and tear and easy to operation. However, due to the addition of many filling materials, PVC floor has lower strength and greater brittleness. PVC material has the characteristic that it is easy to cause thermal expansion and contraction, so PVC flooring in public place such as airport, mall, hotel, hospital, etc., are easy to bubble and hard to get repaired. According to this phenomenon, NJEFG developed PVC impregnated fiberglass mat for PVC flooring, PVC impregnated fiberglass mat is used as stabilizing layer of PVC floor. This material use Fiberglass floor mat as the base material, be evenly impregnated with melted PVC, then going through the curing process. Since this material be impregnated with PVC, which can make the fiberglass floor mat be fully laminated with PVC layer during the PVC floor producing, and make the PVC floor be flat and be very well stabilized, also makes the floor more suitable for heating. Producing efficiency of PVC floor is increased at the same time.

The fiberglass mat can be 30g/m2, 40g/m2 and 50g/m2 or according to the customer’ s demand. And the minimum final weight of the PVC impregnated fiberglass mat can be around 120g/m2, the popular weight is 150g/m2 and 250g/m2, the final weight can be done according to the customer’ s requirement.








## CHARACTERISTICS

- Lower unit weight, high strength, uniform surface
- Significantly reduces the expansion rate of the floor
- Makes floor more suitable for heating
- Increase the producing efficiency of floor and rate of finished product
- Free of formaldehyde, environment friendly

## TECHNICAL DATA

| Code | fiberglass floor mat | Total unit weight | Tensile strength MD | Tensile strength CD | Thickness | Moisture | Paper core diameter |
|---|---|---|---|---|---|---|---|
| | g/m2 | g/m2 | N/5CM | N/5CM | mm | % | mm |
| F-PC-150 | 30 | 150(±20) | ≥150 | ≥100 | 0.3(±0.05) | ≤1 | 76 |
| F-PC-250 | 40 | 250(±30) | ≥170 | ≥110 | 0.35(±0.05) | ≤1 | 76 |
| Standard | GB/T 24218.1-2009 | | GB3820-1997 | GB/T 24218.3-2009 | | GB/T11966-1989 | |

Remark: 1. Roll width 1m, 1.11m (±2mm); roll length: 1300m;

2. Roll diameter: 70cm (±2 0mm)

## PACKING

Every roll in plastic film

## STORAGE

This product should be stored in a dry, ventilated and rainproof place, with temperatures from 5℃to 35℃ and humidity between 35% and 65%. It is recommended to be kept in intact package when not used to avoid damp.

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