

## Technical Data Sheet



<b>Product Code:</b>	<b>PE 120</b>
<b>Weight:</b>	<b>120 gr/m2 <math>\pm</math>5%</b>
<b>Pattern :</b>	<b>Multilayer UD + TPU</b>
<b>Application :</b>	<b>Hard Ballistic</b>
<b>Warp:</b>	<b>1</b>
<b>Weft:</b>	<b>1</b>
<b>Width :</b>	<b>120 cm</b>
<b>Length :</b>	<b>100 mt</b>
<b>Test Method:</b>	<b>V50,MIL-STD-662</b>
<b>Thickness:</b>	<b>0.20 <math>\pm</math> %15</b>
<b>Produced by:</b>	<b>Ritmo Supply Turkey</b>

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**Product Code: PE 120**

**Description :** PE 120 is new generation light weight fiber technology for high strength performance required projects. Fiber made by special UD construction and with special pre-laminated adhesive film.

**Applications:** PE120 is great fiber solution for Ballistic Panels in bullet proof projects. PE 120 offers high ballistic performance and low back surface deformation. PE 120 hard ballistic panels can be used stand-alone as well as back-up composite panels.

**Storage :** Recommended storage conditions is room temperature dry area , with UV light protection.

**V50 Performance :**

V50 MIL-STD-662 Result: 675m/s - 7.62 FSP

**Important Note:** Please note that this test results should under no circumstances be interpreted to imply that similar tests carried out subsequently on a ballistic test sample made out of the Ritmo Supply Composite product supplied should or will give the same results.

This numbers and performance could be change according to customer production method and experiences.

**Handling and Safety :** Observe established precautions for handling epoxy resins and fibrous materials – wear gloves.