



Material Data Sheet

Extra Heavy Duty 320PE

SPECIFICATIONS	
Colour	Navy Blue
Structure	3 Layers Upper Layer-Coating + Middle Layer- Base Scrim + Under Layer- Coating
Material	100% Virgin Polyethylene Inner Scrim: HDPE, Both Sides Coating LDPE.
Tape Details	Tape Width: 5.0mm, Tape Weight: 5.9g/36m, Denier: 1475D, Elongation: 23-28%, Single Tape Tensile Strength: 65N- 77N
Construction	14 x 14 Yarns/Sq-inch, Folded Tapes
UV treatment	3% UV Inhibitor Applied to Scrim and Coatings
Fabric Mass (AS2001.2.13)	320GSM +/-10
Nominal Thickness	20Mil, 0.5mm
Weight Percentage	Scrim: 60%, Upper Coating: 20%, Under Coating: 20%
Tensile Strength of the Coated Fabrics	Warp-wise: 1780N - 1900N/50mm Weft-wise: 1750N - 1870N/50mm
Elongation of the Coated Fabric (AS2001.2.3)	Warp-wise:18% - 22%, Weft-wise: 17% - 22%
Tear Strength of the Coated Fabric (AS2001.2.10)	Warp-wise: 230N - 265N, Weft-wise: 225N - 260N
Temperature Range	-30°C ~ +60 °C
Features	1. High Tensile Strength; 2. Good Resistance to Flex Cracking; 3. UV Stabilized for Long Service Life; 4. Both Sides coated for superior Water Resistant Properties
Usage Instructions	1. Do not use against flames. 2. Contact with Organic Solvents, Halogens or highly acidic substances may reduce the service life of the fabric.

The above data is provided for general reference only. The tensile and tear strength stated above were measured during tests under the temperature range of 22°C-26°C. The tensile and tear strength will decrease with an increase in temperature. The above data is subject to revisions and may be changed without notice as we gain additional knowledge. We make no guarantee of results and assume no obligation or liability whatsoever in connection with this information. If you have specific material properties that are critical to your application, please contact Fleximake prior to purchase.