

## STANDARD PORTFOLIO – MULTIDIRECTIONAL FABRICS

Parallel reinforcement fibers are laid in different orientations, layer-by-layer, and stitched together with a lightweight polyester yarn to form a fabric. Respect to woven fabrics, Non-Crimp (NC) fabrics offer better mechanical properties, primarily from the fact that the fibers are always straight and that more orientations of fiber are available from the increased number of layers of fabric. Due to the stitched nature of the multiaxial construction, the crimp effect associated with woven fabric is not present.

Weight [g/m <sup>2</sup> ]	Width [MM]	Direction		Min. QTY [LM]
350	1.270	UNI	0° 90°	(357/50) 50
450	1.270	BI	-45°/+45°	(228/228) 50
600	1.270	BI	-45°/+45°	(298/298) 50
520	1.270	TRI	-45°/+90°/+45°	(173/167/173) 50
720	1.270	TRI	-45°/0°/+45°	(177/357/177) 50
720	1.270	QUADRI	0°/-45°/90°/+45°	(235/172/143/172) 50
1000	1.270	QUADRI	0°/-45°/90°/+45°	(354/177/274/177) 50

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BASALTEX NV | Zuidstraat 18 | 8560 Wevelgem | Belgium

Tel. +32(0)56 43 00 92 | Fax +32(0)56 42 42 34 | info@basaltex.com | www.basaltex.com

VAT BE 0533.741.609 | BNP Paribas Fortis IBAN BE69 0016 9631 4778 | BIC GEBABEBB