Vertex F110 - Tempest Flag 110 B1

Premium eco-friendly knitted fabric for flags and other lightweight fabric graphics.
100% polyester knitted fabric with a semi-matt finish
Suitable for printing with both direct and transfer dye-sublimation processes

Order Code	W (mm)	L (m)	Weight (gm2)
IST274891	3200	25	110
IST375483	1860	100	110
IST274894	3200	100	110

TECHNICAL SPECIFICATIONS

PROPERTIES	TEST STANDARD	METRIC
Material	DIN 60001	100 PCT Polyester
Finished Material Weight	Standard weight 110G/sq.m (±5g)	108G/sq.m
Shrinkage	30cm x 30cm sample 190°C,60 s	Length:< 1.30 %
Shrinkage	30cm x 30cm sample 190°C,60 s	Width:< 1.00 %
Elasticity	ASTM D 2594 (2.27kgf/51lbf)	Length: 0.80 %
Elasticity	ASTM D 2594 (2.27kgf/51lbf)	Width: 0.80 %
Elongation at break	ISO 13934.1-2013	Length: 59 %
Elongation at break	ISO 13934.1-2013	Width: 76 %
Breaking strength	ISO 13934.1-2013	Length: 442 N
Breaking strength	ISO 13934.1-2013	Width: 559 N
Tearing strength	ISO 13937.2-2000	Length: 21 N
Tearing strength	ISO 13937.2-2000	Width: 21 N
Bursting Strength	ASTM D3787-2007(2011)	1092 N
Thickness	ASTM D-1777	0.30mm(±0.05mm)
Transfer Temperature		190°C-205°C,1-2min