

Vertex F110 - Tempest Flag 110g/m²

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 (gm ²)
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