

Technical Data Sheet

Fs. No.45

Article Description	Metallised Embroidery Thread
Composition	25% Metallised Polyester / 75% Polyester
Harmonised Tariff Number	56050000
Count	230 dtex x 3 / 210 den x 3
Make Up Available	5000m cone

Fastness Rating – Scale 1 (worst) – 5 (best)

Fastness to washing at 60°C	DIN EN ISO 105-C04/M & S C4A	4-5
Fastness to water (damp for 4hrs at 37°C)	DIN EN ISO 105-E01/M & S C6	4-5
Fastness to rubbing dry (10 rubs on dry white Fabric)	DIN EN ISO 105-X12/M & S C8	4
Fastness to rubbing wet (10 rubs on wet white Fabric)	DIN EN ISO 105-X12/M & S C8	3-4
Fastness to dry cleaning	DIN EN ISO 105-D01	4-5
Fastness to bleaching with Hypochlorite	DIN EN ISO 105-N01/M & S C10A	4-5

Fastness Rating – Scale 1 (worst) – 8 (best)

Fastness to light (100hrs xenon light)	DIN EN ISO 105-B02	6-7
Due to different dye stuffs not applicable to all colors.		

Mechanical – Technological Values

Tensile Strength cN (force until thread breaks, in Centinewton)	DIN EN ISO 2062	approx. 590
Elongation (% of stretch extension with weight tension until breaks)	DIN EN ISO 2062	approx. 50
Shrinkage (shrinkage at boiling water)	DIN 53866 T2	< 1 %

Recommendations for care



To improve this product Madeira reserves the right to alter the specifications or modify the appearance of products without notice. Information and technical data in this document are guidelines and no warranted characteristics. Small variations due to production process are possible.

dtex = decitex = weight in grams of 10,000m of yarn; den = denier = weight in grams of 9,000m of yarn
1 denier = 1,111 decitex; dtex x 2 = two-ply of yarn; den x 2 = two-ply of yarn
cN = Centinewton: 1 Centinewton ≈ 1,02 gram;