

Technical Data Sheet

Frosted Matt No.40

Article Description	Machine embroidery thread
Composition	96% PES 4% / Ceramic
Harmonised Tarrif Number	540110180
Count	90 dtex x 2 / 80 den x 2
Make Up Available	2500m cone

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

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

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

Fastness to light (100hrs xenon light)	DIN EN ISO 105-B02	6-8
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. 650
Elongation (% of stretch extension with weight tension until breaks)	DIN EN ISO 2062	approx. 35
Shrinkage (shrinkage at boiling water)	DIN 53866 T2	< 1 %

Recommendations for care



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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;