

Type of thread	FS No.30	FS No.20	Supertwist 30
Article Description	Textured metallised embroidery & decorative thread		
Composition	50% Polyester 50% metallised Polyester foil	80% Viscose 20% metallised Polyester foil	70% Polyamide 30% metallised Polyester
Thickness	No.30 320 dtex 290 den	No.20 360 dtex 320 den	No.30 180 dtex 160 den
Make Up Available	5000m cone	20g spool (approx 560m) 100g cone (approx 28000m)	1000m spool 5000m cone/20g opal cols (approx 1100m) 100g opal cols (approx 5500m)
Fastness Rating Scale 1 (worst) – 5 (best)			
fastness to washing @ 95°C DIN 54011 ISO 105C04	4-5	4-5	4-5
fastness to water (damp for 4hrs at 37°C) DIN 54006 ISO 105E01	4-5	4-5	4-5
fastness to bleaching with Hypochlorite DIN 54035 ISO 105N01	4-5	n/a	n/a
fastness to rubbing (10 rubs on dry/wet white fabric) DIN 54021 ISO 105X12	dry 4 wet 3-4	dry 4 wet 3-4	Dry 4 wet 3-4
fastness to dry cleaning DIN 54024 ISO 105D01	4-5	4-5	4-5
Fastness Rating Scale 1 (worst) – 8 (best)			
fastness to light DIN 54004 ISO 105B01 (approx 100hrs xenon light)	6-7	6-7	6-7
Due to different dye stuffs not applicable to all colours			
Mechanical-Technological Values DIN / ISO			
Tensile Strength cN (force until thread breaks, in cN) DIN 53834	500	520	550
Elongation (% of stretch extension with weight tension until breaks)	30-35	12	30
Shrinkage (% shrinkage at boiling)	1-2%		
Recommendations for care	   	 	 