**20.02.2019**

**FS No.40**

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| Article Description | Metallised Embroidery Thread |
| Composition | 40% metallised polyester; 35% polyamid; 25% paper |
| Count | dtex 220 / den 200 |
| Make Up Available | 1000m spool ; 5000m cone |

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| **Fastness Rating – Scale 1 (worst) – 5 (best)** |  |
| Fastness to washing at 60°C DIN EN ISO 105-C03/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 |
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| **Fastness Rating – Scale 1 (worst) – 8 (best)** |  |
| Fastness to light (100hrs xenon light) DIN EN ISO 105-B02 | 5-6 |
| Due to different dye stuffs not applicable to all colors. |  |
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| **Mechanical – Technological Values** |  |
| Tensile Strength cN (force until thread breaks, in Centinewton) DIN EN ISO 2062 | ca. 500 |
| Elongation (% of stretch extension with weight tension until breaks) | ca.40 |
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| **Special note:**  Please note that colors 4001, 4002, 4003, 4005, 4006, 4007, 4008, 4010, 4021, 4022, 4026, 4071 might oxidize.  All other colors of the FS 40 range are resistant to oxidation. | |
| **Recommendations for care** |  |
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| **Color Card No.** | **63** |
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