

COLOUR FASTNESS

Combination of colours is not recommended when the fastness values are lower than 4-5. When splicing colours with White we also recommend using a complimenting Polyester base.

| COLOUR | OEKO-TEX Standard 100 n. 21CX00200 n.16CX00062 | LIGHT ISO 105-B02 | | | WASHING 50°C ISO 105-C06 B2S | | | WATER ISO 105-E01 | | | SEA WATER ISO 105-E02 | | | ACID PERSPIRATION pH 5.5 ISO 105-E04 | | | ALKALINE PERSPIRATION pH 8.0 ISO 105-E04 | | | CHLORINATED WATER ISO 105-E03 | |
|------------------|--|-------------------|------|------|------------------------------|------|------|-------------------|------|------|-----------------------|------|------|--------------------------------------|------|------|--|------|------|-------------------------------|--------|
| | | C.C | S.Co | S.Pa | S.PI | S.Co | S.Pa | S.PI | S.Co | S.Pa | S.PI | S.Co | S.Pa | S.PI | S.Co | S.Pa | S.PI | S.Co | S.Pa | S.PI | 50mg/l |
| 0180 BIANCO PFP | CLASS 1 | 4-5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4-5 | 4 |
| 1172 MARGOLD | CLASS 1 | 5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 |
| 2142 MANDARANCIO | CLASS 1 | 3-4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 4 |
| 2179 FUN RAY | CLASS 1 | 3-4 | 4-4 | 4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 4 |
| 30050 MEDLEY | CLASS 1 | 3-4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 |
| 3203 HAPPYNESS | CLASS 1 | 3-4 | 4-4 | 4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 4 |
| 3233 GAME PINK | CLASS 1 | 3-4 | 4-5 | 4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 3-4 |
| 3261 WONDERLAND | CLASS 1 | 3-4 | 4-5 | 4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 3-4 |
| 30060 VIBRATION | CLASS 1 | 3 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 3-4 |
| 4157 SPORT RED | CLASS 1 | 4-5 | 3-4 | 4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 |
| 4198 SIRENETTA | CLASS 1 | 2-3 | 4-5 | 3-4 | 4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 3-4 |
| 4231 RED PEPPER | CLASS 1 | 4 | 4-5 | 4 | 4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 |
| 4232 NEON CHERRY | CLASS 1 | 3 | 4-5 | 3-4 | 4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 |
| 4296 FEELS | CLASS 1 | 3 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 3-4 | 3 |
| 50043 PADDLE | CLASS 1 | 4-5 | 4-5 | 4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 3-4 |
| 5253 CABERNET | CLASS 2 | 4 | 4 | 3-4 | 3-4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 60044 SPEED | CLASS 1 | 5 | 4 | 3-4 | 4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 3 |
| 6039 LAGUNA | CLASS 1 | 3-4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 |
| 6041 UNIVERSO | CLASS 1 | 5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 |
| 6055 AQUARIUS | CLASS 1 | 3-4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 3-4 |
| 6063 MYSTIC BLUE | CLASS 2 | 4-5 | 4-5 | 4 | 4-5 | 4-5 | 4 | 4-5 | 4-5 | 4 | 4-5 | 4-5 | 4 | 4-5 | 4-5 | 4 | 4-5 | 4 | 4-5 | 4-5 | 4 |
| 60050 NEW CANCUN | CLASS 1 | 4-5 | 4-5 | 4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 4 |
| 60235 SALTWATER | CLASS 1 | 4-5 | 4 | 3 | 3 | 4-5 | 4 | 4-5 | 4-5 | 4 | 4-5 | 4-5 | 4 | 4-5 | 4-5 | 4 | 4-5 | 4 | 4-5 | 4 | 3-4 |
| 60341 SUPERHERO | CLASS 1 | 3-4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 4 |
| 60361 FUTURE | CLASS 1 | 3 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 3-4 |
| 60358 KARMA | CLASS 2 | 4-5 | 3-4 | 3-4 | 4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 3-4 |
| 60360 AQUAGYM | CLASS 1 | 3 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 3-4 |
| 70088 COMEDY | CLASS 1 | 3 | 4-5 | 4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 4 |
| 70207 GLOBE | CLASS 1 | 4 | 4-5 | 4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 3-4 |
| 70208 MILOS | CLASS 1 | 3 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 3-4 |
| 70209 TRIAL | CLASS 1 | 3-4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 |
| 70231 CALM | CLASS 1 | 2-3 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 3-4 |
| 70233 ECOLOGY | CLASS 1 | 3-4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 4 |
| 7065 BRASIL | CLASS 1 | 3 | 4-5 | 4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 |
| 9164 NERO | CLASS 2 | >5 | 4 | 3-4 | 4 | 4 | 3-4 | 4 | 4 | 3-4 | 4 | 4 | 3-4 | 4 | 4 | 3-4 | 4 | 4 | 3-4 | 4 | 4-5 |
| 9166 MERCURIO | CLASS 1 | 3 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 3-4 | 3-4 |
| 9167 ANTHRACITE | CLASS 1 | 3-4 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4-5 | 4 | 4 |

- C.C: Colour Change.
- S.Co: Staining on Cotton.
- S.Pa: Staining on Nylon.
- S.PI: Staining on Polyester.

Testing procedure OEKO-TEX® STANDARD 100 Class 1 and Class 2, please refer to www.oeko-tex.com for more information.

| SUBLIMATION TEST RESULTS | |
|--------------------------|----|
| LENGTH % | 2% |
| WIDTH% | 2% |

Sublimation bases can react differently from machine to machine. Please ensure you test each fabric as a variation may occur due to machine settings and paper variation. Recommended sublimation procedure:

- 40 seconds
- 195-205 degrees
- No higher than 205

NOTE: 3-4% Shrinkage is deemed acceptable depending on the fabric type and knit construction.

| COLOUR FASTNESS ASSESSMENT VALUES | | | |
|-----------------------------------|-------------|-------------|-------------|
| LIGHT | ASSESSMENTS | OTHER TESTS | ASSESSMENTS |
| 1 | Very Weak | 1 | Weak |
| 2 | Weak | 2 | Limited |
| 3 | Moderate | 3 | Fair |
| 4 | Fair | 4 | Good |
| 5 | Good | 5 | Very Good |
| 6 | Very Good | | |
| 7 | Optimal | | |
| 8 | Exceptional | | |