



Our flags have the Quality Certificate ISO 9001 and the quality certificate of environmental management system ISO 14001, which include the following specifications:

- The ISO protocol does not mean that textile products have a durability guarantee, and this holds true for flags, as well. Clothing, parasols, cloth bags, etc., do not have this.
- These certificates guarantee that the products used in manufacture, and in the manufacturing process, are high-quality, not that they will last for a determined amount of time without deteriorating.
- Their durability depends on many factors: moisture, sun exposure, temperature changes, rain, friction against solid elements, etc.
- Our Flags have the Quality Certificate ISO 9001 and ISO 14001, which includes the following specifications:

We are committed to environmentally sustainable production, the fight against climate change, and the ecological welfare of our planet.



## FABRIC

- Polyester 100%
- Weight:
  - Flag: 115 gr/m<sup>2</sup>
  - Customized Tent: 280 gr/m<sup>2</sup>
- Weaving: 50% warp and 50% wolf
- Air permeability: >2050 L/m<sup>2</sup>
- Dimension tolerance: +5%
- Shrinking when washed at 40°C:
- Lengthwise: -1.5%
- Crosswise: -1%
- Surface Treatments:
  - Anti-pollution
  - Anti-flammability (LOI > 35%)

## DYES

- Colorant type: Disperse
- Digital characteristics: Sublimable
- Dye transfer: 94% to the second side

### TEST TECHNICAL FILE ON AVERAGE °C

Test name	Measurement 1 to 10
Wash fastness: 50°C	
Change in tone	10
Color transfer	10
Light fastness (40h Xenon lamp)	10
Wet and dry wear	10
Sublimation fastness (170°C)	9

## SEAM (THREAD)

- Polyester 100%
- Multi-filament
- Construction. 113 dtex x 3

	RATIO	INTERNATIONAL STANDARD
Title x (dtex)	370	DIN EN 180 2060
Resistance x (cN)	1050	DIN EN 180 2062
Lengthening x (%)	14	DIN EN 180 2062
Torque x (T/m(S))	820	DIN EN 180 2051

## SEWING

- Double-hem
- Hem width: 10 mm
- Double symmetrical 7 mm seam (at 1.5mm on edges)
- Stitch width: 5 mm

## REINFORCEMENT STRAP

- Strap type: Simple woven fabric
- Crosswise: 30 mm
- Composition: Propylene 100% + U.V. + A.T.
- Light fastness (1-6): 6
- Seawater fastness (1-5): 5
- Ultraviolet protection (120-500): 300 Kly
- Density gr/cm<sup>2</sup>: 0.91
- Melting point °C: 170
- Electrical Conductivity: Insulating
- Moisture absorption % (65% RH 20%): 0.05
- Wash fastness (1-5): 5

