

## Product Technical Details

Category	Details
Product Name	Embroidered Badge
Product Type	Decorative or functional embroidered accessory, often used for branding, fashion, or promotional purposes.
Product Function	Used for branding, decoration, or as a collectible item, typically sewn or affixed to garments, bags, hats, or accessories.
Materials	Polyester
Inks or Dyes	Non-toxic, skin-safe dyes and inks used to color threads and designs. Oeko Tex 100 certified.
Embroidery Technique	Machine or hand embroidery, using a variety of stitching techniques (e.g., satin stitch, chain stitch, or cross-stitch).
Backing Type	Heat-seal backing, adhesive backing, or sew-on backing for affixing the badge.
Durability	Embroidered badge is durable, resistant to abrasion, fading, and washing, especially for garments that go through frequent laundering.
Non-Toxic Materials	Threads, fabric, and any adhesives used are non-toxic and meet safety standards.
EU Safety Regulation	Compliant with EU product safety regulations (e.g., REACH, EN 71), ensuring no harmful chemicals or substances in the badge.
Standard	Oeko Tex 100 Certified (if applicable), confirming that the threads, fabrics, and dyes used are free from harmful substances.
Reach	REACH Compliant, ensuring that the materials used are not harmful or restricted under European chemical safety regulations.
Recyclability	The fabric and threads used for the badge may be recyclable depending on material type (e.g., cotton or polyester can be recycled).
Washing Instructions	Hand wash or machine wash on gentle cycle; do not bleach. Recommend air drying to maintain fabric and embroidery integrity.
Ironing Instructions	Iron on a low setting if necessary, ensuring not to directly press on embroidered areas.
Durability Testing	Badge undergoes testing for resistance to abrasion, fading, fraying, and durability after washing.
Fray Resistance	The badge undergoes testing for resistance to fraying and unraveling at the edges of the embroidery.
Stitch Strength	Embroidery is tested for the strength of the stitching to ensure it does not break or unravel under normal usage.
Consumer Labeling	The badge includes clear labeling for consumer safety (e.g., care instructions, material composition, and brand logo).
Product Packaging	Box