

# Filmbase Polyester Yarn



High tenacity twisted polyester yarn; with a texturizing process that gives the cord excellent sliding and mechanical strength properties, class F (155 °C).

Industrial applications product

## Characteristics

Filmbase family is composed of films, cords and papers; all these items are mechanically resistant, complying with the requirements encountered in the manufacturing of electrical machinery.

Filmbase Polyester Yarn is available in different sizes and formats. All of them are yarns lacing cord suitable for the automatic lacing machines of motor manufacturing lines, offering good resistance to Freon, acids and tensile stresses. Families ZA, ZT and HT are manufactured with different texturizing processes that are giving specific properties to the filament.

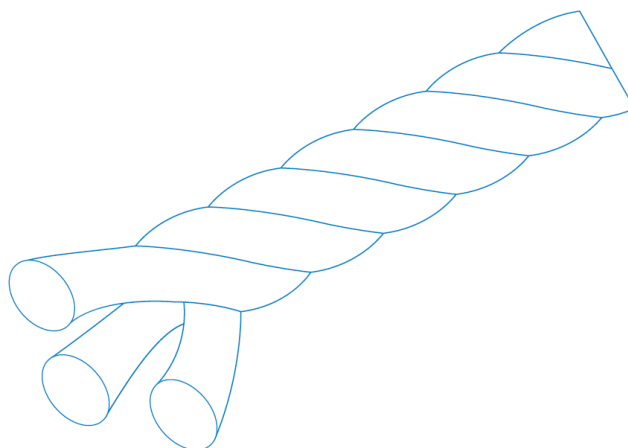
It has a good shrinkage (3 to 5 %) that allows a perfect coil clamping and guarantees an effective knot.

## Formats

The product can be supplied in conical spools approx. 4 kg, packed in carton boxes containing min. 10 spools.

## Structure

 Polyester Yarn



## Technical Data

Properties	Unit	ZT3 / ZA3	ZT4 / ZA4 / HT 4	HT 6	HT 8
Base Yarn Size	dtex	3300	4400	6600	8800
N. of Yarns	n.	3	4	6	8
Yield	m <sup>2</sup> /kg	2700	2200	1400	1060
Melting Point	°C	250	250	250	250
Shrinkage (2 hours @ 150°C)	%	3-5	3-5	3-5	3-5
Acid Freon Strength	%	excellent	excellent	excellent	excellent
Tensile Strength	Kg	12	18	30	40

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