

Polyester High Tenacity Yarn

Polyester yarn is a flexible continuous yarn. It is a synthetic fibre ideal for a wide range of applications. Many jackets of ropes are made of polyester, since it can be moulded into almost any shape

It has an improved wrinkle resistance, a high tenacity and a high colour retention. Moreover, it is very resistant to abrasion, it will not be affected by moisture and has particular properties:

- **Strong**
- **Great abrasion resistance**
- **Resistance to light, climate and atmospheric conditions**
- **High resistance to stretching and shrinking**
- **Excellent resistance to most moisture, chemicals and mildew**
- **Low coefficient of water absorption**
- **Quick dryness and good resilience when wet or dry**

Technical specifications	Value
DTEX RANGE	280 > 8800 and further...
TWIST	Z / S
TENACITY cN/DTEX	6,5 > 8,1
ELONGATION %	10 > 24
BREAKING STRENGTH (N)	18 > 668
HOT AIR SHRINKAGE % (2 min 180°C)	1,7 > 13,5

All test methods according to BISFA.

All technical references are indicative, to have more information please ask for the specific technical details of the count you need.

We can use basic polyester high tenacity yarn to produce our cable and half cable semi- manufactured.

COLOURS

Eurotexfilati's Polyester yarns can be delivered in raw white, as well as in other colours, and with specific UV resistance upon request.

Please consult with Eurotexfilati to have more information about the color card available.

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Material	Ductility	Strength (Wet/Dry)	Resistance					
			UV	Temperarute	Abrasion	Creep	Tension / compression fatigue	
PES								

* Indicative properties, classified by colors as **LOW**, **MEDIUM**, **HIGH**.
**Actual performance will depend on the rope construction and application



PACKAGING INFORMATION

Tube internal diameter	72, other tuber on request
Mt/bobbin	On request
Diameter of bobbin	On request
LxWxH	120x120x105
	115x115x105
	130x110x105

