



# T.R.Y.

T.R.Y. is a thermochromic yarn that changes colour immediately when heated or cooled to a specific temperature. As the yarn returns to its original temperature, it quickly returns to its original colour.

Both the original and reactive colours can be selected according to a specific colour palette. The reversibility is guaranteed for hundreds of cycles and can be set to permanent change if desired.

You can choose the colour change temperature, from  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$ , depending on your needs.

<b>Material</b>	Polyester
<b>Dtex</b>	180dtex ( $\pm 5$ dtex)
<b>Temperature range</b>	$-20^{\circ}\text{C}$ à $+70^{\circ}\text{C}$ ( $\pm 2^{\circ}\text{C}$ )
<b>Breaking strength</b>	0,88 daN ( $\pm 0,5$ daN)
<b>Elongation at break</b>	14,89% ( $\pm 1,67$ )



Colours not contractual

The colour change is only from dark to light when the yarn is heated and vice versa when it is cooled. T.R.Y. is sensitive to polar and light solvents and to prolonged exposure to UV light. It can withstand many cycles of colour change, depending on the conditions of use, notably heating temperature and exposure time. T.R.Y. is primarily for technical applications.

**T.R.Y.**  
THERMO-REACTIVE YARN