



**Range of heat-resistant glass-, Kevlar® and reinforced yarns used in manufacturing:**

- Insulation mattresses
- Smoke screens
- Filter bags
- Compensators
- Fire- and welding blankets, etc.

	<b>523, PU-coated</b>	<b>ST400, PTFE-coated</b>
<b>Description</b>	Heavy glass yarn with a PU protection layer.	E-glass yarn from continuous filament, coated with PTFE for smooth and easy processing.
<b>Processing</b>	Hand	Machine / Hand
<b>Material</b>	E-glass	E-glass
<b>Diameter</b>	1,0 mm	0,33 mm
<b>Meters p/kg</b>	± 750 meter	± 4000 meter
<b>Weight p/coil</b>	± 1,00 kg	± 0,50 kg
<b>Max.temperature</b>	500 °C	500 °C
<b>Colour</b>	White	Beige
<b>Remarks</b>	At a temperature of + 200°C the coating will disappear due to evaporation.	The most-used h.t. sewing thread for machine application.

	<b>TG 60, reinforced glass yarn</b>	<b>ST 2200, Inconel yarn</b>	<b>Kevlar®, yarn 50/3</b>
<b>Description</b>	Heavy duty glass yarn reinforced with polyester strands for improved tensile strength.	Inconel yarn for high temperatures, with a cotton sheath to facilitate sewing.	Yarns from spun paramide fibres, flame-retardant, extremely strong and resistant against most organic solvents.
<b>Processing</b>	Hand	Machine / Hand	Machine / Hand
<b>Material</b>	2/3 E-glass and 1/3 polyester	Inconel yarn with cotton sheath	Kevlar ®
<b>Diameter</b>	0,430 mm	0,45 mm	0,345 mm
<b>Meters p/kg</b>	± 730 meter	± 2000 meter	± 5000 meter
<b>Weight p/coil</b>	± 0,800 kg	± 0,490 kg	± 0,207 kg
<b>Max.temperature</b>	500 °C	600 °C	425 °C
<b>Colour</b>	White	Beige	Yellow
<b>Remarks</b>	At >150 °C the polyester strands melt	At >180 °C the cotton sheath carbonises.	Kevlar ® is a registered trademark of Du Pont.