

## TECHNICAL DATA FINITEXT<sup>®</sup> KY 100 S

**Trade Name:** FINITEXT<sup>®</sup>

**Type:** Impregnated Kynol<sup>®</sup> Novoloid fibers For Braided Packings

**Raw material:** Kynol<sup>®</sup> Novoloid fibers

<b>Properties</b>		<b>Range</b>	<b>Testmethod</b>
Yarn count	tex	2500	F.I. 1883
Breaking force	N	70±7%	F.I. 1818
Elongation at break	%	8	F.I. 1818
Twist	-	-	
PTFE Content <sup>(1)</sup>	%	50.7±2%	PPT 72
Silicone Oil Content <sup>(1)</sup>	%	-	PPT 72
Paraffine oil	%	-	PU03
Graphite		-	
Shrinking 280 °C		3	
Mass loss,%		6	
Toxicity		no	

(1) – related to the weight

(2) – on requested

**Application:** The yarns are used for manufacturing of High Performance braided packings on diagonal or regular braiding machines.

The packings braided from this yarn have the following features:

- excellent sealing properties
- low friction coefficient
- low contact temperature
- rapid heat lead-off from the contact surface
- excellent handling at low costs
- decrease of the leakage

This yarn is recommended for the manufacture of braided packings or other sealing elements, working in highly dynamic conditions, when enhanced elasticity is required i.e. mixers etc.

Increased smoothness and rigidity of the shaft extends the lifetime of the packings and improves the sealing.

**Health Hazard Information:** Such are not being ascertained.