

## TECHNICAL DATA FINITEXT® P<sub>e</sub> 100

**Trade Name:** FINITEXT®

**Type:** Pure Expanded PTFE yarn

<i>Properties</i>		<i>Range</i>	<i>Testmethod</i>
<i>Yarn count</i>	<i>tex</i>	2500 - 3500	<i>F.I. 1883</i>
<i>Breaking force</i>	<i>N</i>	≥45	<i>F.I. 1818</i>
<i>Ignition loss at 260 °C</i>	<i>%</i>	< 3	<i>F.I. 1818</i>
<i>Density</i>	<i>g/cm<sup>3</sup></i>	≥ 1,0	<i>F.I. 1814</i>
<i>Shrinkage at 260 °C</i>	<i>%</i>	14	<i>F.I. 1818</i>

**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.