

PolySprint TM Power Transmission and Conveyor Belt Technical Datasheet Belt type **GLTE-4E18** PS-018 Ver.3 **Applications** Printing press · Light duty transmission Light duty conveyor **Construction** Top side Bottom side **NBR** Special polyamide Textured surface **Fabric** Blue White Tension member **Splice** Polyester Finger **Fabric** (10×30) Construction **Dimensions Properties** Width/Roll (max.) Minimum pulley diameter **Tensile properties** 300mm Flexing Tensile strength Width/Endless (max.) Finger 40mm 100N/mm 300mm Elongation at break Length (max.) Back flexing 13% 100m Finger 40mm Maximum allowable tension Total thickness 9.0N/mm Maximum allowable elongation 1.8mm Weight 2.0% 1.8 Kg/m² ©Please contact Nitta if you need other dimensions. **Coefficient of friction Dynamic properties** Standard elongation vs. Steel Regulatory compliance RoHS(2011/65/EC) 1.0% $0.7 \sim 0.8$ **REACH regulation** Tension after relaxation at 1.0% * vs. Paper 4.0N/mm 0.8~0.9 Initial tension at 2.0% **Bottom** vs. Steel 9.0N/mm $0.1 \sim 0.2$ **Features** Tension after relaxation at 2.0% * vs. Paper 0.2~0.3 **Antistatic** 6.0N/mm Operating temperature range vs. Lagged pulley Slider bed -15~60°C $0.3 \sim 0.5$ Roller bed Easy splice with NITTA tool vs. POM (resin) 0.1~0.3 *After 200hrs running-in