TECHNICAL DATA SHEET

OKBE50225

3PURIR180I/LW
Oil resistant

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

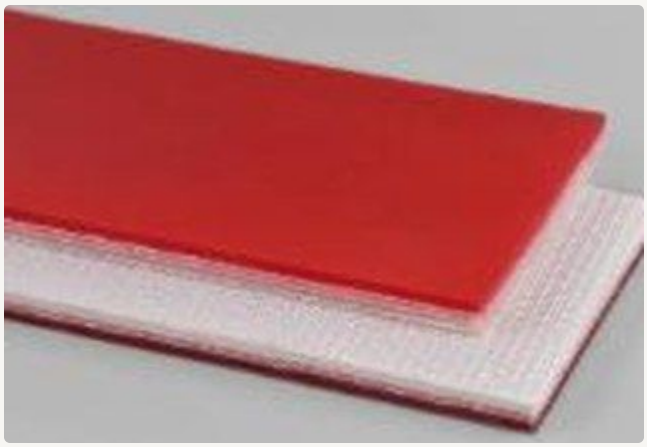
TOP COVER	Compound		**Thermoplastic Polyurethane**
	Thickness	**0.0709** in.	*1.80 mm*
	Surface		**Matte**
	Hardness		**85 Shore A**
CARCASS	Number of plies		**3**
	Skim between plies		**PU**
	Cross rigid		**Yes**
BOTTOM	Compound		**Thermoplastic Polyurethane**
	Surface		**Impregnated**

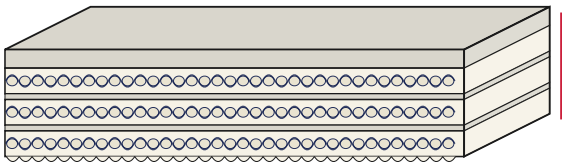
02 TECHNICAL SPECIFICATIONS

Overall gauge	**0.1969**	in.	*5.00*	*mm*
Unit weight	**0.1030**	lb/PIW		
Pull for 1% elongation	**102**	lbs/in.	*18*	*N/mm*
Temperature – minimum [1]	**–13**	°F	*–25*	*°C*
Temperature – maximum [1]	**140**	°F	*60*	*°C*
Max. production width	**89**	in.	*2261*	*mm*

03 MINIMUM PULLEY DIAMETER [2]

■ Normal flex	**7.0866**	in.	*180.00*	*mm*
■ Back flex	**9.4488**	in.	*240.00*	*mm*





CROSS-SECTION – NOT TO SCALE

GAUGE 0.1969 IN. / 5.00 MM

04 PROPERTIES

Oil resistant	**YES**
Cross rigid	**YES**

05 SPLICING & FASTENERS

Splice process	**Finger**

Oriontek service: supplied endless-joined, open-length or fabricated with profiles, sidewalls, cleats and V-guides. Onsite splicing available.

NOTES [1] Operating the belt at its limit values may reduce service life. [2] Minimum pulley diameters depend on belt tension and on the splice or fastener specified by Oriontek. All values are nominal.

DISCLAIMER Values are nominal. They describe the product as tested and do not necessarily reflect conditions of industrial use, nor do they guarantee suitability for a specific application. The customer remains responsible for correct selection and use. Oriontek cannot be held liable for damages arising from use of this product. Specifications may be revised without prior notice.