TECHNICAL DATA SHEET

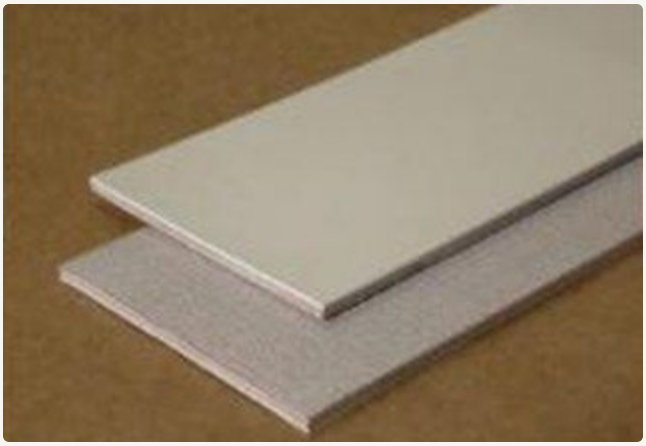
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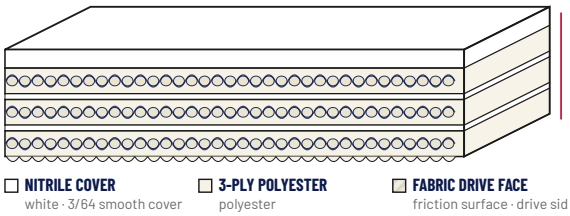
3-ply nitrile conveyor belt · White 3/64 smooth cover · 3.05 mm

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material		**NBR**
	Thickness	**1.17** mm	*0.046 in.*
	Surface		**3/64 Smooth Cover**
	Colour		**White**
CARCASS	Fabric		**Polyester**
	Number of plies		**3**
BOTTOM	Surface		**Friction Surface**





CROSS-SECTION — NOT TO SCALE

TOTAL 3.05 MM / 0.12 IN.

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

02 TECHNICAL SPECIFICATIONS

Total thickness	**3.05**	mm	*0.12*	*in.*
Weight				**0.065 lb/ft²**
Working tension	**105**	PIW	*18.4*	*N/mm*
Elongation				**Less than 2%**
Temperature — minimum (1)	**–18**	°C	*0*	*°F*
Temperature — maximum (1)	**121**	°C	*250*	*°F*
Max. stocked width	**1829**	mm	*72*	*in.*
Coefficient of friction				**1.8**

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**64**	mm	*2.5*	*in.*
■ Back-flex (counter-bending) pulley	**95**	mm	*3.75*	*in.*

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.

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.