TECHNICAL DATA SHEET

OKHBHAT-18PWPD

3-ply nitrile conveyor belt · Apple green coarse textile structure · 3.8 mm
Antistatic

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**NBR rubber**
	Surface	**Coarse textile structure**
	Colour	**Apple green**
CARCASS	Fabric	**Polyamide (PA)**
	Number of plies	**3**
BOTTOM	Material	**Cross-linked PU**
	Surface	**Impregnated fabric**
	Colour	**Black**

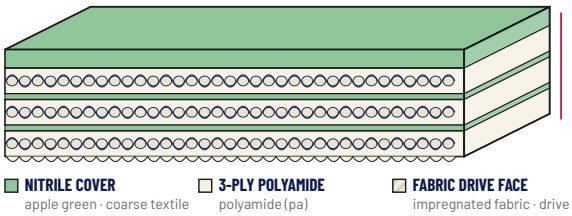
02 TECHNICAL SPECIFICATIONS

Total thickness	**3.8**	mm	*0.150*	*in.*
Weight			**4.1 kg/m²**	
Load at 1% elongation	**3.2**	N/mm	*18.3*	*lbs/in.*
Temperature — minimum (1)	**0**	°C	*32*	*°F*
Temperature — maximum (1)	**100**	°C	*212*	*°F*
Max. production width	**2400**	mm	*94*	*in.*
Coefficient of friction			**Drive side on steel 0.15**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**50**	mm	*1.97*	*in.*
■ Back-flex (counter-bending) pulley	**60**	mm	*2.36*	*in.*





CROSS-SECTION — NOT TO SCALE — TOTAL 3.8 MM / IN.

04 PROPERTIES

Antistatic	YES
Slider bed	YES
Roller bed	YES

05 APPLICATION

Features: Abrasion resistant, Constant coefficient of friction, Forgiving in case of short term shock like overloads, High coefficient of friction surface, Oil resistant, Versatile, Robustness. Typical uses: Paper handling belt, Processing belt. Industries: Cardboard converting, Paper manufacturing and processing. Admissible tensile force 16 N/mm.

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.

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.