TECHNICAL DATA SHEET

OKFO908919

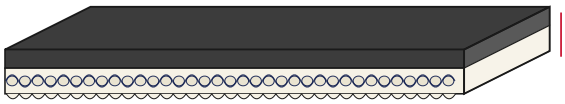
1-ply polyvinyl chloride, low durometer conveyor belt · Black longitudinal rib · 4.8 mm
Flame retardant

ORIONTEK
ENGINEERING GOOD SOLUTIONS

01 CONSTRUCTION

TOP COVER	Material	**Polyvinyl chloride, low durometer**
	Surface	**Longitudinal rib**
	Colour	**Black**
CARCASS	Fabric	**Solid woven fabric of polyester spun warp**
	Number of plies	**1**
BOTTOM	Material	**Polyester fabric, brushed**
	Surface	**Fabric, coarse**
	Colour	**Black**





POLYVINYL CHLO COVER — black · longitudinal rib
1-PLY POLYESTER — solid woven fabric of polyes
FABRIC DRIVE FACE — fabric, coarse · drive side

CROSS-SECTION — NOT TO SCALE

TOTAL 4.8 MM / 0.189 IN.

02 TECHNICAL SPECIFICATIONS

Total thickness	**4.8**	mm	*0.189*	*in.*
Weight			**1.014 lb/ft²**	
Load at 1% elongation	**12.26**	N/mm	*70.0*	*lbs/in.*
Working tension	**120**	PIW	*21.0*	*N/mm*
Temperature — minimum (1)	**–18**	°C	*0*	*°F*
Temperature — maximum (1)	**82**	°C	*180*	*°F*
Max. production width	**2400**	mm	*94*	*in.*
Coefficient of friction			**Drive side 0.24**	
Lateral stiffness			**Laterally stiff**	
Running noise			**Normal**	

03 MINIMUM PULLEY DIAMETER (2)

■ Minimum pulley / nose bar	**51**	mm	*2.01*	*in.*
■ Back-flex (counter-bending) pulley	**64**	mm	*2.52*	*in.*

04 PROPERTIES

Flame retardant	**YES**
Troughed conveying	NO
Accumulation conveying	NO
Curved conveyor	NO

05 APPLICATION

General material handling (Inclined conveying of unit goods / containers); Logistics (Acceleration conveyor; Braking conveyor;); Start-Stop conveyor

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.