

SAMPLA REF.	U30/NR/A
DESCRIPTION	PVCEXCON 3R/16 B50 V0/V20A AS AR
ARTICLE	KB3BL5001

CONVEYOR BELT TECHNICAL DATA SHEET

GENERAL INFORMATION

	MATERIAL	COLOUR	SURFACE	FABRIC
TOP	PVCEXCON	Black	Matt	Rigid
INTERPLY	PVCEXCON	Black	-	Rigid
BOTTOM	-	Black	Pvc Impregnated	Rigid

TECHNICAL DATA

		METRIC	IMPERIAL
Number of Plies		3	
Belt Thickness		5,00 ± 0,1 mm	0,20 ± 0,004 in.
Weight		6,50 kg/m ² (±10%)	1,33 lbs/sq.ft (±10%)
Hardness	Din 53505	75 ± 3 Shore A	
Working Load at 1% Elongation	Iso 21181	16 N/mm (+20% -10%)	91,4 lbs./in. (+20% -10%)
Working Load at 1,5 % Elongation		24 N/mm (+20% -10%)	137,0 lbs./in. (+20% -10%)
Top Cover Thickness		2,00 mm	0,08 in.
Bottom Cover Thickness		-	
Working Temperature (Long Term)		-10 / +70 °C	14 / 158 °F
Working Temperature (Short Term)		-15 / +80 °C	5 / 176 °F
Min. Pulley Diameter (Flexing / Back Flexing)		130 / 190 mm	5,12 / 7,48 in.
Max. Production Width		3000 mm	118 in.
Belt Support		Slider bed, Flat, Troughed	Slider bed, Flat, Troughed
Coefficient of Friction (Running Side)	Astm 4918	0,20 (±20%)	

GENERAL CHARACTERISTICS

Antistatic	Iso 284& 21178	Yes	
High Conductive	Iso 284& 21178	-	
Abrasion Resistant		Yes	
Cut Resistant		-	
Food Approved	Fda 21 cfr & Eu 10/2011	-	
Flame Retardant	Iso 340	-	
Tear Resistant	Din 53363	-	
ATEX Certified		-	
Pyrolysis Resistant		-	
Hydrolysis Resistant		-	
Antimicrobial Protection		-	
Low Noise		-	
Oil & Fat Resistant		Yes	

JOINING METHODS

- Stepped Splice, Overlap Splice, Mechanical Fastener

MOST POPULAR APPLICATION

- Waste/Garbage Transportation
- General Industrial Applications