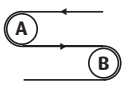
MEGADYNE

MEGACONVEY DATA SHEET

F30	PVCEXCON 3R/16 W38 U0/V08 FA	KB3WH3801

TECHNICAL INFORMATION

	IMPERIAL	METRIC
Max Production Width	118.11in	3000mm
Total Thickness	0.15in	3.8mm
Mass	1lb/ft²	4.9kg/m²
Pull Per 1%	91lbf/in	16N/mm
Working Temp.	+14/+158F°	-10/+70C°
Flexion (A)	3.94in 100mm	
Counter Flexion (B)	4.72in 120mm	



BEST USED FOR

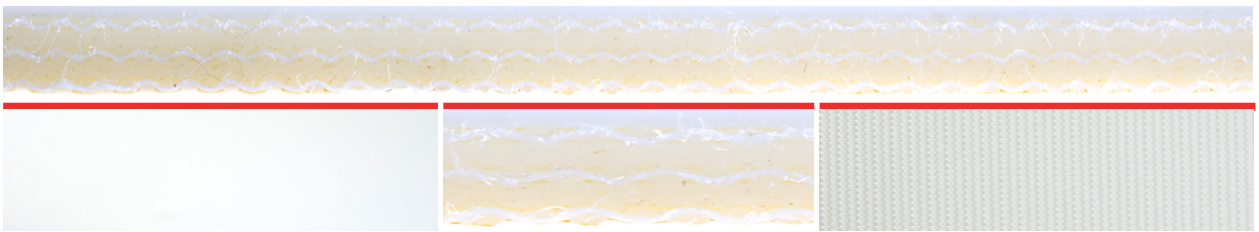
GENERAL CHARACTERISTICS

3 ply white PVC FDA, rigid weft

SPECIAL CHARACTERISTICS

Antistatic	NO	High Conductive	NO	Abrasion Resistant	NO
Food Approved	YES	Flame Retardent	NO	Tear Resistant	NO
ATEX Certified	NO	Pyrolysis Resistant	NO	Hydrolysis Resistant	NO
Antimicrobial Protection	NO	Low Noise	NO	Oil & Fat Resistant	YES

BELT CONSTRUCTION INFORMATION



TOP SIDE (Carrying)		**CARCASS**		**BOTTOM SIDE** (Pulley)	
Material	PVC	**Interply**	PVC	**Material**	Fabric
Color	White (W)	**Fabric**	Rigid (R)	**Color**	Fabric (FA)
Thickness	0.03in 0.8mm	**Plies**	2	**Thickness**	0in 0mm
Hardness	72 Shore A	**Weft**	Rigid (R)	**Hardness**	-
Surface	Smooth - Shiny (_)			**Surface**	PU Impregnated (U0)

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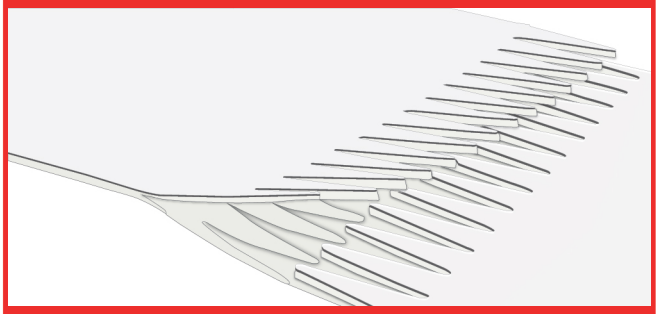
SPLICE INSTRUCTIONS (Preferred)



FINGER OVER FINGER (FOF)

	WATER COOL	AIR COOL
Temperature:	180 C° 356 F°	180 C° 356 F°
Pressure:	29 PSI 2 Bars	7.3 PSI 0.5 Bars
Release Paper		
Belt (Conveying Side Up)		
Foil (Between Plies)		
Release Paper		
Temperature:	180 C° 356 F°	180 C° 356 F°
Pressure:	29 PSI 2 Bars	7.3 PSI 0.5 Bars
Dwell Time:	0 Min	2 Min

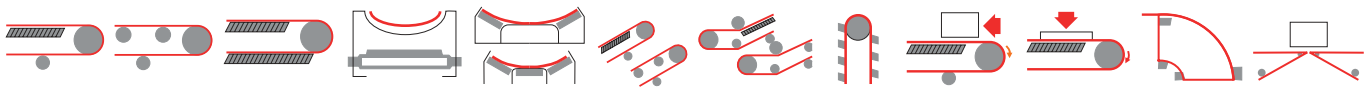
Note: Foil is optional for air cooled.

MECHANICAL JOINING METHOD

Recessed Lacing	YES
Hidden Lacing	YES
Staple Lacing	RS125
Plastic Spiral Lacing	YES
Spiral Finger	YES
APF Fasteners	-
Alligator	15
Clipper Lacing	UCM36 LP, 1, UX-1, UA2, U2 SP, 2SP, U3-1, 3-1

FRICTION COEFFICIENT (Bottom Side)

Stainless Steel, BA (Brilliant Surface)	0.25
Stainless Steel, 2B (Half-Brilliant Surface)	0.25
Stainless Steel, 2D (Hot-Laminated Surface)	0.29
Rolled Steel Plate	0.25
Plastic Sheet Brilliant Surface)	0.25



Slider Bed	Flat Rollers	Slider Beds on Both Sides	Channel Trough	Conventional Trough	Incline Conveying	Incline Variation	Bucket Elevator	Conveyor with Accumulation	Slide Bed with Pressure	Bend Conveyor	Knife Edge Conveyor
●	●	○	○	○	○	○	◒	○	●	○	○

● Applicable ◒ Limited Use ○ Not Applicable

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