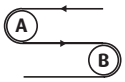
MEGADYNE

MEGACONVEY DATA SHEET

F61/10.05	PVCEXCON 2F/45 W46 V05/V10 FA	KB2WH4601

TECHNICAL INFORMATION

	IMPERIAL	METRIC
Max Production Width	94.49in	2400mm
Total Thickness	0.18in	4.57mm
Mass	1.13lb/ft²	5.52kg/m²
Pull Per 1%	257lbf/in	45N/mm
Working Temp.	+14/+158F°	-10/+70C°
Flexion (A)	10.24in 260mm	
Counter Flexion (B)	11.81in 300mm	



BEST USED FOR

GENERAL CHARACTERISTICS

2 ply white PVC double cover, smooth both sides. FDA. Flexible 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**	PVC
Color	White (W)	**Fabric**	Flexible (F)	**Color**	White (W)
Thickness	0.04in 1.02mm	**Plies**	2	**Thickness**	0.02in 0.5mm
Hardness	72 Shore A	**Weft**	Flexible (F)	**Hardness**	72 Shore A
Surface	Smooth - Shiny (_)			**Surface**	PVC Coated (V...)

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SPLICE INSTRUCTIONS (Preferred)

STEP SPLICE

	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	3 Min

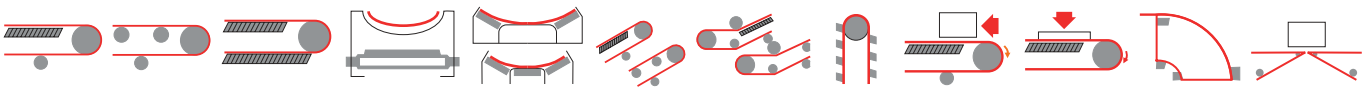
Note: Foil is optional for air cooled.

MECHANICAL JOINING METHOD

Recessed Lacing	YES
Hidden Lacing	YES
Staple Lacing	RS125
Plastic Spiral Lacing	YES
Spiral Finger	NO
APF Fasteners	-
Alligator	20
Clipper Lacing U2, 2, UA3, U3-2, 4-2	

FRICTION COEFFICIENT (Bottom Side)

Stainless Steel, BA (Brilliant Surface)	0.75
Stainless Steel, 2B (Half-Brilliant Surface)	0.75
Stainless Steel, 2D (Hot-Laminated Surface)	0.82
Rolled Steel Plate	0.75
Plastic Sheet Brilliant Surface)	0.75



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

info@megadynegroup.com

www.megadynegroup.com

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