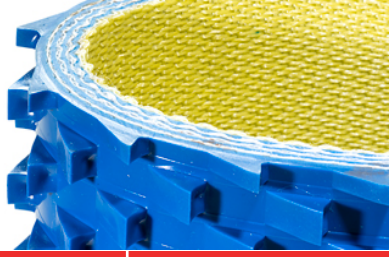
MEGADYNE

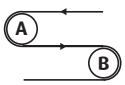
MEGACONVEY DATA SHEET



MG101/H2	PVCCON 4F/70 DB120 U0/H2	KA4DB1H01

TECHNICAL INFORMATION

	IMPERIAL	METRIC
Max Production Width	86.61in	2200mm
Total Thickness	0.47in	11.94mm
Mass	2.25lb/ft²	10.99kg/m²
Pull Per 1%	399lbf/in	70N/mm
Working Temp.	+14/+158F°	-10/+70C°
Flexion (A)	17.72in 450mm	
Counter Flexion (B)	21.65in 550mm	



BEST USED FOR

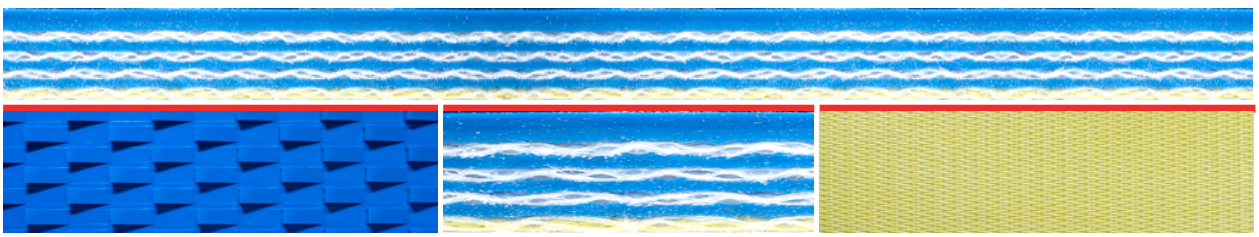
GENERAL CHARACTERISTICS

4 ply blue PVC with wide staggared sawtooth

SPECIAL CHARACTERISTICS

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

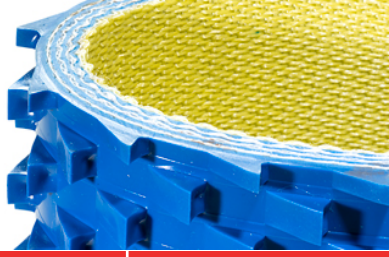
BELT CONSTRUCTION INFORMATION



TOP SIDE (Carrying)		**CARCASS**		**BOTTOM SIDE** (Pulley)	
Material	PVC	**Interply**	PVC	**Material**	Fabric
Color	Dark Blue (DB)	**Fabric**	Flexible (F)	**Color**	Fabric (FA)
Thickness	0.24in 6.1mm	**Plies**	4	**Thickness**	0in 0mm
Hardness	55 Shore A	**Weft**	Flexible (F)	**Hardness**	-
Surface	Staggered Saw Tooth Wide (H2)			**Surface**	PU Impregnated (U0)

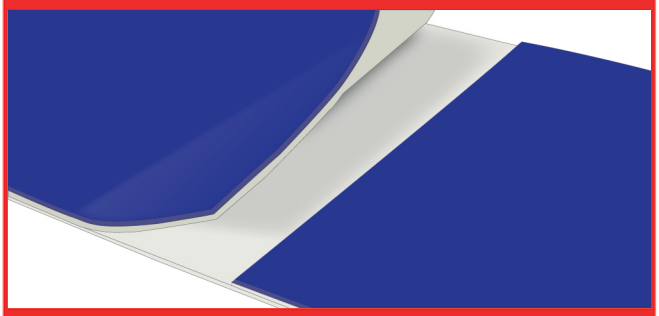
MEGADYNE

MEGACONVEY DATA SHEET



MG101/H2	PVCCON 4F/70 DB120 U0/H2	KA4DB1H01

SPLICE INSTRUCTIONS (Preferred)



STEP SPLICE

	WATER COOL	AIR COOL
Temperature:	185 C° 365 F°	185 C° 365 F°
Pressure:	29 PSI 2 Bars	14.5 PSI 1 Bars
Silicone Matrix		
Belt (Conveying Side Up)		
Foil (Between Plies)		
Release Paper		
Temperature:	185 C° 365 F°	185 C° 365 F°
Pressure:	29 PSI 2 Bars	14.5 PSI 1 Bars
Dwell Time:	5 Min	7 Min

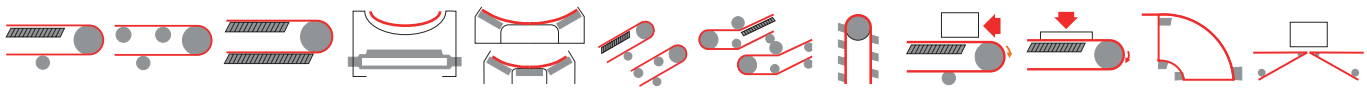
Note: Foil is optional for air cooled.

MECHANICAL JOINING METHOD

Recessed Lacing	YES
Hidden Lacing	YES
Staple Lacing	-
Plastic Spiral Lacing	NO
Spiral Finger	NO
APF Fasteners	-
Alligator	65
Clipper Lacing	-

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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