



CONVEYOR BELTS



MEGADYNE

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CONVEYOR BELTS



Megadyne's lightweight conveyor belts are developed to meet the requirements of various industries and based on the experience gained by customer feedbacks. Our belts are today in use for most conveying applications. Megadyne is well known in different sectors with diverse applications such as food processing, bakery, sugar and elevator belts, tread mill belts , marble processing, textile as well as for the electronics industry and of course logistics..

Our lightweight conveyor belt is made to satisfy market needs in terms of different size, fabric, compounds, colors and patterns. The standard product range includes more than 125 conveyor belt types. We are aware of the importance of sustainability and focused on cooperating with end users and with original equipment manufacturers to expand our product range to offer sophisticated solutions for special needs. Our application engineers are ready to help for technical enquiries and to ensure that the best suitable belts are specified for each application.

Megadyne is able to respond to customer requests in a prompt and professional manner with the help of wide sales organization. Besides we keep a broad stock selection of belting and accessories in our central warehouse and distribution centers allowing to process the customer orders quickly and efficiently.

Megadyne offers a wide range of fabrication options including high frequency welded cleats, tracking guides and sidewalls together with accurately positioned holes , fittings and sealed edges. Our fabrication techniques are continuously refined allowing us to provide engineered solutions for the most demanding applications.





COMPLETE BELTING SOLUTIONS

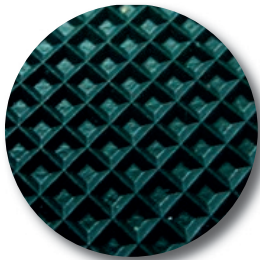
- 11 different surface patterns
- Static and antistatic belts
- FDA (21 CFR § 175.300), EU (No 10/2011) approved belts
- ATEX certified (94/9/EC) flame retardant belts (ISO 340)
- Belts with low noise and low friction fabrics
- Feeding and accumulation belts
- Belts with total thickness from 0,6mm up to 10mm

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- FOOD INDUSTRY
 - LOGISTICS & AIRPORTS
 - TOBACCO
 - TEXTILE
 - PRINTING & PACKAGING
 - INDUSTRIAL PRODUCTION
 - MARBLE & CERAMIC
 - PAPER & CONVERTING
 - SPORTS & LEISURE
 - WOOD INDUSTRY

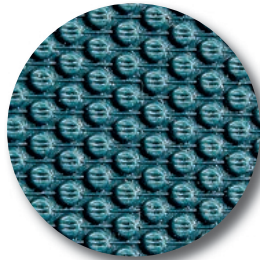
Article Number	Material	Range of Products	Number of Plies	Fabric Weft Type	Hardness (Top Surface), approx. ShA	Total Thickness, approx. mm	Weight, approx. kg/m ²	Working Temperature °C	Pull for 1% Elongation, approx. N/mm	Minimum Pulley Diameter, at 20°C, Norm Flexing mm	Minimum Pulley Diameter, at 20°C, Back Flexing mm	Belt Support R: Roller S: Slider	Production Width(± 100mm) mm	Joining Methods	Knife Edge Applications	Troughable Transport Applications	Food	General Purpose Belts	Logistic, Airport, Mail Delivery	Textile	Marble, Granite and Ceramic Industry	Paper and Printing	Wood	Sport	Automotive and Tyre	Tobacco
KD1WH0802	PUCON	1LR/4 W08 U0/U03 MT AS AR FA	1	LR / AS	90	0,80	0,90	-20 / +100	4	4	8	S,R	2050	2,6	●	●										
KD1WH0801	PUCON	1LR/4 W08 U0/U03 MT AR FA	1	LR	90	0,80	0,90	-20 / +100	4	4	8	S,R	2050	2,6	●	●									●	
KD1LB0802	PUCON	1R/6 LB08 U0/U03 MT AS AR FA	1	R / AS	90	0,80	0,90	-20 / +100	6	4	8	S,R	2050	2,6	●	●										
KD1WH1102	PUCON	1LR/4 W11 U0/U05 MT AS AR FA	1	LR / AS	85	1,10	1,30	-20 / +100	4	4	8	S,R	2050	2,6	●	●										
KD1WH1101	PUCON	1LR/4 W11 U0/U05 MT AR FA	1	LR	85	1,10	1,30	-20 / +100	4	4	8	S,R	2050	2,6	●	●									●	
KD1WH1401	PUCON	1LR/4 W14 U0/P1 AR FA	1	LR	90	1,40	1,30	-20 / +100	4	4	8	S,R	2000	2,6	●	●										
KD2WH1301	PUCON	2LR/8 W13 U0/U035 MT AS AR FA	2	LR / AS	85	1,30	1,40	-20 / +100	8	6	8	S,R	2050	2,6	●	●										
KD2DG1301	PUCON	2LR/8 DG13 U0/U035 MT AS AR FA	2	LR / AS	85	1,30	1,40	-20 / +100	8	6	8	S,R	2050	2,6	●	●									●	
KD2LB1401	PUCON	2LR/8 LB14 U0/U035 MT AS AR FA	2	LR / AS	85	1,40	1,50	-20 / +100	8	6	8	S,R	2050	2,6	●	●									●	
KD2LB1601	PUCON	2LR/8 LB16 U0/P1 AS AR FA	2	LR / AS	85	1,60	1,50	-20 / +100	8	6	8	S,R	2050	2,6	●	●										
KD2WH1501	PUCON	2LR/8 W15 U0/P1 AS AR FA	2	LR / AS	85	1,50	1,40	-20 / +100	8	6	8	S,R	2000	2,6	●	●										
KD1WH1801	PUCON	1RH/20 W18 U0/U03 MT AS AR FA	1	R / AS	90	1,80	1,75	-20 / +100	20	20	30	S,R	3000	2,6		●	●						●		●	
KD2PG4001	PUCON	2R-RX/14 PG40 U0/U20 MT AS AR FA	2	R / AS	90	4,00	4,70	-20 / +100	14	70	90	S,R	3000	2,6		●									●	
KD2TR3801	PUCON	2R-RX/14 TR38 U0/U18 MT AS AR FA	2	R/AS	90	3,80	4,50	-20 / +100	14	70	90	S,R	3000	2,6		●									●	
KH1WH1101	SILCON	1R/6 W11 U0/S05 AS FA	1	R / AS	30	1,10	1,00	-30 / +100	6	3	8	S,R	3000	2	●	●	●						●			
KB1WH1202	PVCEXCON	1R/6 W12 00/V07 AS FA	1	R	74	1,20	1,40	-10 / +70	6	10	30	S	3000	2,6		●	●									
KB2WH2002	PVCEXCON	2R/12 W20 00/V05 AS FA	2	R	74	2,00	2,60	-10 / +70	12	40	60	S,R	3000	1,2,3,6		●										
KB2WH2401	PVCEXCON	2R/12 W24 00/V09 AS FA	2	R	74	2,40	3,00	-10 / +70	12	45	60	S,R	3000	1,2,3,6		●										
KB2WH2603	PVCEXCON	2F/12 W26 00/V10 AS FA	2	F	74	2,60	3,30	-10 / +70	12	50	60	S,R	3000	1,2,3,6		●	●									
KB2WH2705	PVCEXCON	2R/12 W27 00/V11 AS FA	2	R	74	2,70	3,30	-10 / +70	12	50	60	S,R	3000	1,2,3,6		●	●									
KB2WH3005	PVCEXCON	2F/12 W30 00/V15 AS FA	2	F	74	3,00	3,80	-10 / +70	12	70	90	S,R	3000	1,2,3,6		●	●									
KB3WH3802	PVCEXCON	3R/16 W38 00/V11 AS FA	3	R	74	3,80	4,90	-10 / +70	16	100	120	S,R	3000	1,3,6		●	●									
KB2WH2706	PVCEXCON	2R/12 W27 00/P2 AS FA	2	R	74	2,70	3,00	-10 / +70	12	50	60	S,R	3000	1,2,3,6		●	●									
KB2WH2707	PVCEXCON	2R/12 W27 00/P1 AS FA	2	R	74	2,70	3,00	-10 / +70	12	45	60	S,R	3000	1,2,3,6		●	●									
KB2WH2709	PVCEXCON	2F/12 W27 P1/V05 AS FA	2	F	74	2,70	3,30	-10 / +70	12	50	60	R	3000	1,2,3,6		●	●									
KB2WH3006	PVCEXCON	2R/12 W30 P1/V07 AS FA	2	R	74	3,00	3,50	-10 / +70	12	70	80	R	3000	1,2,3,6		●	●									
KB2WH3007	PVCEXCON	2F/12 W30 P1/V07 AS FA	2	F	74	3,00	3,50	-10 / +70	12	70	80	R	3000	1,2,3,6		●	●									
KB2WH5002	PVCEXCON	2R/12 W50 00/P6 FA	2	R	55	5,00	5,00	-10 / +70	12	80	110	S,R	3000	1,3,6		●	●								●	
KB2WH5401	PVCEXCON	2R/12 W54 00/P8 FA	2	R	55	5,40	4,60	-10 / +70	12	40	60	S,R	3000	1,3,6		●	●									
KB3WH4502	PVCEXCON	3F/14 W45 P1/V09 AS FA	3	F	74	4,50	6,00	-10 / +70	14	110	140	R	3000	1,3,6		●	●									
KB3WH4503	PVCEXCON	3RR/14 W45 P5/V10 AS FA*	3	R	76	4,50	6,00	-10 / +70	14	110	140	R	3000	1,2,3,6		●	●									
KB3WH5802	PVCEXCON	3F/14 W58 P1/V15 AS FA	3	F	74	5,80	7,40	-10 / +70	14	140	180	R	3000	1,3,6		●	●									
KB2LB2001	PVCEXCON	2R/12 LB20 00/V05 AS FA	2	R	74	2,00	2,60	-10 / +70	12	40	60	S,R	3000	1,3,6		●	●									
KB2LB2402	PVCEXCON	2R/12 LB24 00/V09 AS FA	2	R	74	2,40	3,00	-10 / +70	12	45	60	S,R	3000	1,3,6		●	●									
KB2LB2602	PVCEXCON	2F/12 LB26 00/V10 AS FA	2	F	74	2,60	3,30	-10 / +70	12	50	60	S,R	3000	1,3,6		●	●									
KB2LB2701	PVCEXCON	2R/12 LB27 00/V11 AS FA	2	R	74	2,70	3,30	-10 / +70	12	50	60	S,R	3000	1,3,6		●	●									
KB2LB2301	PVCEXCON	2R/12 LB23 U0/P7 AS FA	2	R / AS	55	2,30	2,60	-10 / +70	14	50	90	S,R	3000	1,2,3,6		●	●									
KB2LB3002	PVCEXCON	2F/12 LB30 00/V15 AS FA	2	F	74	3,00	3,80	-10 / +70	12	70	90	S,R	3000	1,3,6		●	●									
KB2LB3001	PVCEXCON	2R/12 LB30 P1/V07 AS FA	2	R	74	3,00	3,50	-10 / +70	12	70	80	R	3000	1,2,3,6		●	●									
KB2LB3004	PVCEXCON	2R/12 LB30 U0/P9 AS FA	2	R / AS	55	3,00	3,20	-10 / +70	14	35	50	S,R	3000	2,3,6		●	●									
KB3WH5301	PVCEXCON	3F/24 W53 V06/V14 AS FA	3	F / AS	74	5,30	6,80	-10 / +70	24	200	250	R	2400	1,6		●	●									
KB2WH5001	PVCEXCON	2F/16 W50 V08/V20 AS AR FA FR ATEX	2	F / AS	75	5,00	6,10	-10 / +70	16	150	200	R	2400	1,6		●	●	●								
KB3WH6001	PVCEXCON	3F/24 W60 V07/V20 AS AR FA FR ATEX	3	F / AS	75	6,00	7,50	-10 / +70	24	200	250	R	2400	1,6		●	●	●								
KB3WH7401	PVCEXCON	3F/24 W74 V14/V25 AS AR FA FR ATEX	3	F / AS	75	7,40	9,40	-10 / +70	24	300	350	R	2400	1,6		●	●	●								
KB4WH7401	PVCEXCON	4F/30 W74 V08/V20 AS AR FA FR ATEX	4	F / AS	75	7,40	9,70	-10 / +70	30	350	400	R	2400	1,6		●	●	●								
KB3WH9501	PVCEXCON	3F/75 W95 V13/V30 AS AR FA FR ATEX	3	F / AS	75	9,50	12,00	-10 / +70	75	400	500	R	2400	1,6		●	●	●								
KB2PG4101	PVCEXCON	2F/20 PG41 V10/V10 AS AR FA FR ATEX	2	F / AS	75	4,10	5,10	-10 / +70	20	140	140	R	2400	1,6		●	●	●								
KB3PG6201	PVCEXCON	3F/30 PG62 V07/V20 AS AR FA FR ATEX	3	F / AS	75	6,20	7,70	-10 / +70	30	250	300	R	2400	1,6		●	●	●								
KB4PG7401	PVCEXCON	4F/35 PG74 V10/V10 AS AR FA FR ATEX	4	F / AS	75	7,40	9,70	-10 / +70	35	300	350	R	2400	1,6		●	●	●								
KB3BL5001	PVCEXCON	3R/16 B50 V0/V20 MT AS AR*	3	R	82	5,00	6,50	-10 / +70	16	130	190	S,R	3000	1,3,6			●	●								
KC3AG3501	FABCON	3R/15 AG35 V0/U0 AS	3	R	-	3,50	4,00	-10 / +90	15	90	90	S,R	3000	3,5			●	●			●				●	
KC2BL1601	FABCON	2LR/8 B16 U0/U0 AS	2	LR	-	1,60	1,80	-10 / +70	8	40	40	S,R	3000	1,2,3,6		●	●	●								
KC2WH1001	FABCON	2LR/5 W10 U0/U0 AS FA	2	LR / AS	-	1,00	1,00	-20 / +100	5	10	10	S,R	2000	2,6	●	●	●								●	
KC1WH0801	FABCON	1FC/4 W08 V0/V0 FA	1	F	-	0,80	0,65	-10 / +70	4	10	10	S,R	2200	2,6		●	●									
KC2WH1502	FABCON	2R																								

Article Number	Material	Range of Products	Number of Plies	Fabric Weft Type	Hardness (Top Surface), approx. Sha	Total Thickness, approx. mm	Weight, approx. kg/m ²	Working Temperature °C	Pull for 1 % Elongation, approx. N/mm	Minimum Pulley Diameter, at 20°C, Norm Flexing mm	Minimum Pulley Diameter, at 20°C, Back Flexing mm	Belt Support R: Roller S: Slider	Production Width(± 100mm) mm	Joining Methods	Knife Edge Applications	Troughable Transport Applications	Food	General Purpose Belts	Logistic, Airport, Mail Delivery	Textile	Marble, Granite and Ceramic Industry	Paper and Printing	Wood	Sport	Automotive and Tyre	Tobacco
KA2WH2001	PVCCON	2R/12 W20 00/V05 AS FA	2	R	74	2,00	2,60	-10 / +70	12	40	60	S,R	3000	1,2,3,6			●	●								
KA2LB2001	PVCCON	2R/12 LB20 00/V05 FA	2	R	74	2,00	2,60	-10 / +70	12	40	60	S,R	3000	1,2,3,6			●	●								
KA2AG2001	PVCCON	2R/12 AG20 00/V05 AS FA	2	R	80	2,00	2,60	-10 / +70	12	40	60	S,R	3000	1,2,3,6			●	●								
KA2PG2001	PVCCON	2R/12 PG20 00/V05 AS	2	R	74	2,00	2,50	-10 / +70	12	40	60	S,R	3000	1,2,3,6			●	●								
KA2PG2501	PVCCON	2R/12 PG25 00/V09 AS	2	R	74	2,50	3,10	-10 / +70	12	50	70	S,R	3000	1,2,3,6			●	●								
KA2AG2402	PVCCON	2R/12 AG24 00/V09 AS FA	2	R	80	2,40	2,75	-10 / +70	12	50	70	S,R	3000	1,2,3,6			●	●								
KA2AG2702	PVCCON	2R/12 AG27 00/V11 AS FA	2	R	80	2,70	3,40	-10 / +70	12	65	80	S,R	3000	1,2,3,6			●	●								
KA2PG2703	PVCCON	2R/12 PG27 00/V11 AS	2	R	74	2,70	3,40	-10 / +70	12	65	80	S,R	3000	1,2,3,6			●	●							●	
KA2AG3003	PVCCON	2R/12 AG30 00/V15 AS FA	2	R	80	3,00	3,70	-10 / +70	12	75	90	S,R	3000	1,2,3,6			●	●							●	
KA3AG3801	PVCCON	3R/16 AG38 00/V11 AS FA *	3	R	74	3,80	4,90	-10 / +70	16	100	120	S,R	3000	1,3,6			●								●	
KA3PG3801	PVCCON	3R/16 PG38 00/V11 AS	3	R	74	3,80	4,90	-10 / +70	16	100	120	S,R	3000	1,3,6				●					●		●	
KA2PG2301	PVCCON	2R-RX/14 PG23 00/P7 AS	2	R / AS	55	2,30	2,60	-10 / +70	14	50	90	S,R	3000	1,2,3,6				●			●					
KA1PG3001	PVCCON	1FH/20 PG30 V0/P7 AS	1	F / AS	64	3,00	2,90	-10 / +70	20	35	55	S,R	2650	2,6	●			●		●	●					
KA2PG2702	PVCCON	2R/12 PG27 P1/V05 AS	2	R	74	2,70	3,30	-10 / +70	12	50	60	R	3000	1,2,3,6				●					●		●	
KA2PG2701	PVCCON	2F/12 PG27 P1/V05 AS	2	F	74	2,70	3,30	-10 / +70	12	50	60	R	3000	1,2,3,6		●		●					●			
KA2PG2801	PVCCON	2R/12 PG28 00/P1 AS	2	R	74	2,80	3,10	-10 / +70	12	50	70	S,R	3000	1,2,3,6								●				
KA2PG3002	PVCCON	2R/12 PG30 P1/V07 AS	2	R	74	3,00	3,50	-10 / +70	12	70	80	R	3000	1,2,3,6				●					●		●	
KA2AG3002	PVCCON	2R/12 AG30 P1/V07 AS FA	2	R	80	3,00	3,50	-10 / +70	12	70	80	R	3000	1,2,3,6			●	●					●			
KA2PG3004	PVCCON	2R-RX/14 PG30 00/P9 AS	2	R / AS	40	3,00	3,20	-10 / +70	14	35	50	S,R	2850	2,3,6				●		●				●		
KA3AG4201	PVCCON	3R/15 AG42 P1/V07 AS FA	3	R	80	4,20	5,40	-10 / +70	15	110	140	R	3000	1,2,3,6			●									
KA2AG5001	PVCCON	2R/12 AG50 00/P6 FA *	2	R	55	5,00	5,00	-10 / +70	12	80	110	S,R	3000	1,2,3,6			●	●								
KA2PG5401	PVCCON	2R/12 PG54 00/P8	2	R	55	5,40	4,60	-10 / +70	12	40	60	S,R	3000	1,3,6				●							●	
KA2PG1D01	PVCCON	2F/28 PG100 V0/P2	2	F	70	10,00	12,50	-10 / +70	28	250	330	S,R	2100	1,4,6		●					●					
KA3PG5001	PVCCON	3R/24 PG50 V0/P2	3	R	70	5,00	6,40	-10 / +70	24	160	190	S,R	3000	1,4,6							●					
KA3PG7001	PVCCON	3F/36 PG70 V0/P2	3	F	70	7,00	8,40	-10 / +70	36	300	400	S,R	2400	1,4,6		●					●					
KA4PG9001	PVCCON	4F/48 PG90 V0/P2	4	F	70	9,00	10,50	-10 / +70	48	400	500	S,R	2400	1,4,6		●					●					
KA3BL7001	PVCCON	3F/50 B70 U0/P2 *	3	F	55	7,00	8,40	-10 / +70	50	300	400	S,R	2400	1,4,6		●					●					
KA4BL8001	PVCCON	4F/75 B80 U0/P2 *	4	F	55	8,00	9,40	-10 / +70	75	350	400	S,R	2400	1,4,6		●					●					
KA2BL1802	PVCCON	2R/12 B18 00/V04 MT AS	2	R	85	1,80	2,10	-10 / +70	12	40	40	S,R	3000	1,2,3,6				●		●						
KA2BL1803	PVCCON	2R-FX/7 B18 00/V03 MT AS	2	R	85	1,80	2,20	-10 / +70	7	35	50	S,R	2600	1,2,3,6				●		●						
KA2BL2102	PVCCON	2R-RX/14 B21 00/V05 MT AS	2	R / AS	85	2,10	2,60	-10 / +70	14	50	60	S,R	3000	1,2,3,6				●		●					●	
KA2BL2103	PVCCON	2R-RX/14 B21 00/V05 MT AS FR	2	R / AS	85	2,10	2,60	-10 / +70	14	50	60	S,R	3000	1,2,3,6				●		●						
KA2BL2302	PVCCON	2R/12 B23 00/P7 AS FR	2	R	55	2,30	2,60	-10 / +70	12	50	70	S,R	3000	1,2,3,6				●				●	●			
KA2BL2601	PVCCON	2R-RX/14 B26 00/V05 MT AS FR	2	R / AS	85	2,60	3,20	-10 / +70	14	60	80	S,R	3000	1,2,3,6				●		●						
KA2BL3005	PVCCON	2R-RX/14 B30 00/V10 MT AS FR	2	R / AS	85	3,00	3,60	-10 / +70	14	70	90	S,R	3000	1,2,3,6				●		●						
KA2BL2701	PVCCON	2R/12 B27 P1/V05 AS *	2	R	74	2,70	3,30	-10 / +70	12	50	60	R	3000	1,2,3,6				●					●			
KA2BL3003	PVCCON	2R/12 B30 P1/V07 AS	2	R	74	3,00	3,50	-10 / +70	12	70	80	R	3000	1,2,3,6				●					●			
KA2BL3004	PVCCON	2RR/16 B30 V05/V06 MT TR FR	2	RR	85	3,00	4,30	-30 / +70	16	-	-	-	3000	-				●								
KA2BL3007	PVCCON	2F/12 B30 V05/V06 MT TR FR	2	F	85	3,00	4,30	-30 / +70	12	-	-	-	3000	-				●								
KA2BL5401	PVCCON	2R/12 B54 00/P8 AS FR	2	R	55	5,40	4,60	-10 / +70	12	40	60	S,R	3000	1,3,6				●		●						
KA2BL5402	PVCCON	2R/12 B54 00/P8 AS	2	R	55	5,40	4,60	-10 / +70	12	40	60	S,R	3000	1,3,6				●		●					●	
KA1BL1602	PVCCON	1RX/6 B16 00/P12 AS	1	R / AS	85	1,60	1,60	-10 / +70	6	20	40	S	2400	2,6										●		
KA1BL1601	PVCCON	1RX/6 B16 00/P1 AS	1	R / AS	85	1,60	1,60	-10 / +70	6	20	40	S	2400	2,6										●		
KA1BL2001	PVCCON	1RX/6 B20 00/P4 AS	1	R / AS	85	2,00	1,60	-10 / +70	6	40	60	S	2400	2,6										●		
KA2BL2504	PVCCON	2FX/12 B25 00/P12 AS	2	F / AS	85	2,50	2,60	-10 / +70	12	50	70	S	1600	1,2,6										●		
KA2BL2505	PVCCON	2FX/12 B25 00/P4 AS	2	F / AS	85	2,50	2,60	-10 / +70	12	50	70	S	1600	1,2,6										●		
KA2BL2503	PVCCON	2FX/10 B25 00/P1 AS	2	F / AS	85	2,50	2,60	-10 / +70	10	50	70	S	2050	1,2,6										●		
KA2BL3002	PVCCON	2FX/12 B30 00/P14 AS	2	F / AS	85	3,00	3,30	-10 / +70	12	60	80	S	2050	1,2,6										●		
KA2BL3001	PVCCON	2R-RX/14 B30 00/P9 AS FR	2	R / AS	40	3,00	3,20	-10 / +70	14	35	50	S,R	2850	2,3,6				●		●					●	
KA2BL3008	PVCCON	2R-RX/14 B30 00/P9 AS	2	R / AS	40	3,00	3,20	-10 / +70	14	35	50	S,R	2850	2,3,6				●		●					●	
KG1WH2501	FELTCON	1K/8 W25 00/00 FA	1	-	-	2,50	1,30	-10 / +120	8	30	60	S,R	2000	4,5,6			●	●	●						●	
KG1GR2501	FELTCON	1K/10 GR25 00/00 AS	1	-	-	2,50	1,80	-10 / +120	10	40	40	S,R	2000	4,5,6				●	●	●		●			●	
KG1GR4001	FELTCON	1K/12 GR40 00/00 AS	1	-	-	4,00	2,20	-10 / +120	12	70	70	S,R	2000	4,5,6				●	●	●		●			●	
KG1GR5501	FELTCON	1K/14 GR55 00/00 AS	1	-	-	5,50	4,00	-10 / +120	14	120	120	S,R	2000	4,5,6				●	●	●		●			●	
KG1GN5501	FELTCON	1K/14 GN55 00/00	1	-	-	5,50	3,20	-10 / +120	14	120	200	S,R	2000	4,5,6				●	●	●		●			●	
KI3OR7001	NITCON	3F/18 OR70 R0/P8 AR	3	F	45	7,00	5,50	-10 / +120	18	50	90	R	1825	4,6		●		●	●				●		●	
MEGABLUE	TPU	MB 10	1	-	95	5,20	3,00	-25 / +70	-	51	-	-	530	2,6			●									
MEGABLUE	TPU	MB 10K	1	-	95	5,20	3,00	-25 / +70	-	51	-	-	530	2,6			●									
MEGABLUE	TPU	MB 20	1	-	95	7,50	6,00	-25 / +70	-	95	-	-	530	2,6			●									
MEGABLUE	TPU	MB 20K	1	-	95	7,50	6,00	-25 / +70	-	95	-	-	530	2,6			●									
PVCSW	PVC	SIDEWALL W	1	R	57	4,80	6,70	-10 / +70	-	-	-	-	2000	-												
PVCSW	PVC	SIDEWALL AG	1	R	57	4,80	6,70	-10 / +70	-	-	-	-	2000	-												
PVCSW	PVC	SIDEWALL PG	1	R	57	4,80	6,70	-10 / +70	-	-	-	-	2000	-												
PVCCOA	PVC	PG41 P8	-	-	55	4,10	3,65	-10 / +70	-	-	-	-	3000	-												

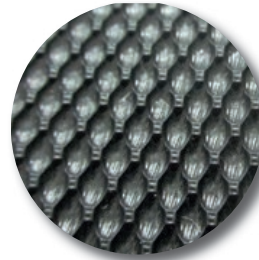
[SURFACE PATTERNS]



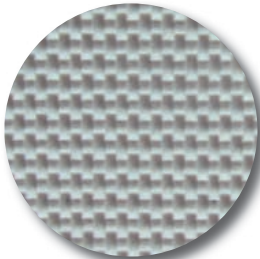
P1 | Negative Pyramid



P2 | Nipple



P4 | Inverted Oval



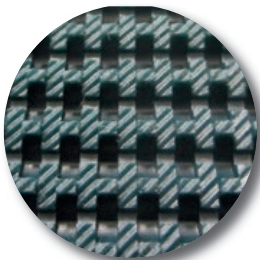
P5 | Fabric Structure



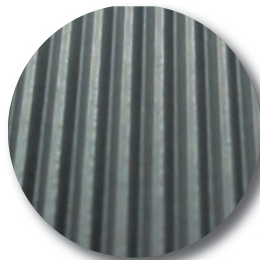
P6 | Saw Tooth



P7 | Basketweave



P8 | Supergrip



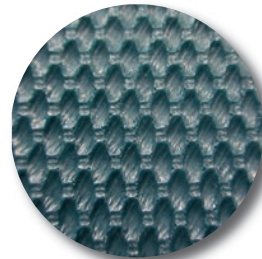
P9 | Ribbed



P12 | Rough



P14 | Low Supergrip



P16 | Corse Texture

JOINTING METHODS

Hot Splice Methods

Hot splices are recommended for the best, most flawless operation. At Megadyne we are able to offer several different types of hot splice methods.



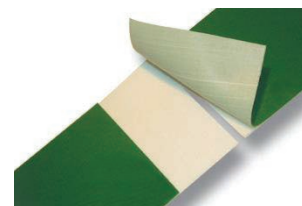
Z-Splice
This is the best option for single ply belts, and it results in high flexibility and precise thickness of the joint area. This also makes the belt suitable for knife edge applications. Depending on the application, the joint may be straight or angled.



Overlap Splice
This is the most traditional and time consuming method of making a splice, but still works well for belts with two or more plies. The plies are separated in a "step" configuration with the assistance of hand tools. Welding is done with a hot pressing device, but in this case an adhesive compound is applied in the joint area. This is the most requested type of splice in marble applications.



Stepped Z- Splice
Belts with two plies are welded using the finger splice method. The fingers are staggered on each ply resulting in a strong and flexible joint area. Depending on the application, the joint may be straight or angled.



Stepped Splice
This method works well for belts with two or more plies. The plies are separated carefully using special equipment. Since the pressing process is done without using an adhesive compound, the joint area preserves its flexibility and the strength.



Longitudinal Splice
It is possible to supply longitudinally spliced belts in order to meet extra-wide belt requirements. The joint area is the same thickness as the belt and uniformly smooth. Any belt width is attainable by using multiple splices.

Mechanical Fasteners

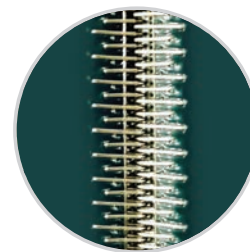
This is a simple and quick splicing method used for easy installation applications. Pulley diameter will increase up to 50%.



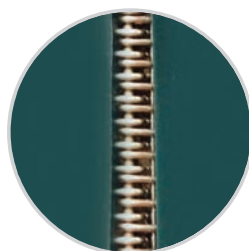
Clamp Fasteners



Plastic Zip Fasteners



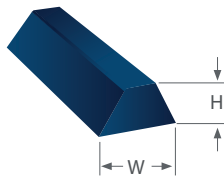
Hook Fasteners



Recessed Mechanical Fasteners
Mechanical splice area of the belt is recessed by grinding the top cover of the belt. The recessed fastener prevents contact of the product to the fastener.

[GUIDES]

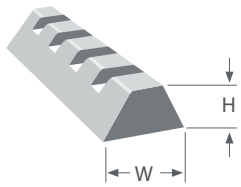
M Type



TYPE	Dimensions			Pulley Diameter (mm)	
	W Width mm	H Height mm	Weight g/mm	Welded on the bottom surface	Welded on the top surface
M6	6	4	22	40	40
M8	8	5	55	50	50
M10	10	6	61	60	60
M13	13	8	68	80	80
M17	17	11	170	110	110
M30	30	17	470	170	170

Trapezoidal profiles may be longitudinally or laterally welded to the top of the belt as cleats for inclined conveying or on the bottom side as guides.

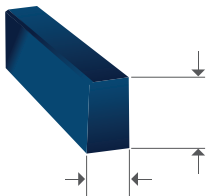
K Type



TYPE	Dimensions			Pulley Diameter (mm)	
	W Width mm	H Height mm	Weight g/mm	Welded on the bottom surface	Welded on the top surface
K10	10	6	51	60	60
K13	13	8	86	80	80
K17	17	11	150	110	110

For more flexibility, cogged type profiles are used as guides.

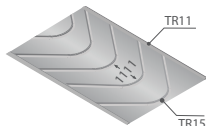
R Type



TYPE	Dimensions			Pulley Diameter (mm)	
	W Width mm	H Height mm	Weight g/mm	Welded on the bottom surface	Welded on the top surface
R12	12	12	120	120	120
R16	11,5	16,5	220	165	165

Rectangular profiles are used on top of the belt as an alternative to cleats and guides.

Curve

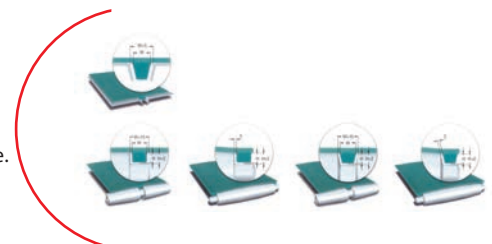


TYPE	Dimensions			Pulley Diameter (mm)	
	W Width mm	H Height mm	Weight g/mm		
TR11	11	16	150		250
TR15	15	16	170		200

This profile is designed especially for olives, sawdust, bulk materials, etc. It is available in 600 mm. width.

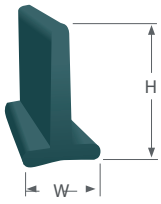
Design Criteria For Longitudinal Profiles

Longitudinal profiles can resist lateral forces only for a limited period of time. The pulleys have to be grooved in order to maintain the guidance. These applications (Rectangular R or Trapezoidal M / K) request prevention from unnecessary contact between pulley and the guide; in order to achieve this, groove must be 10 mm wider than the profile. For the guides located at the edge of the belt, we recommend to give a 5 mm space between the guide and the drum end.



CLEATS

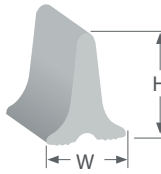
T Cleat



Dimensions				
TYPE	W Width mm	H Height mm	Weight g/mm	Pulley Diameter (mm)
T20	20	20	220	60
T30	24	30	380	90
T40	24	40	460	120
T50	30	50	550	150
T60	30	60	670	180

90° T cleats are used for inclined applications with an angle less than 40°.

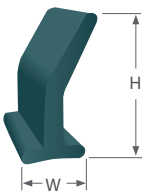
TI Cleat



Dimensions				
TYPE	W Width mm	H Height mm	Weight g/mm	Pulley Diameter (mm)
TI20	13	19	150	60
TI30	13	30	280	90
TI40	13	40	370	120

Designed for smaller pulley diameter applications.

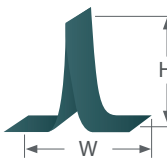
TC Cleat



Dimensions				
TYPE	W Width mm	H Height mm	Weight g/mm	Pulley Diameter (mm)
TC40	23	40	490	120
TC60	23	60	940	180
TC80	44	80	1600	240

TC cleats are designed with 90° base angle and 60° body angle for maximum loading capacity.

TF Cleat



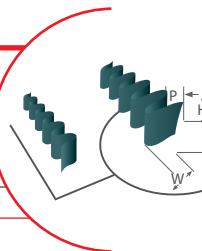
Dimensions			
TYPE	W Width mm	H Height mm	Pulley Diameter (mm)
TF30	60	30	90*
TF40	60	40	120*
TF50	60	50	150*
TF60	60	60	180*
TF80	60	80	240*

TF Cleats are made from belt and are designed for smaller pulley diameters.

For cleat's application, belt top layer thickness of minimum 0,7 mm. is recommended. Pulley diameters given are approximate. Values vary according to the application.

Standard Sidewall Types

TYPE	H		W		P		Pulley Diameter (mm)	
	Height (mm)	Width (mm)	Wall Pitch (mm)	Weight (g/m)	Sidewall	Sidewall + Cleats		
U20	20	50	55	190	60	Should be chosen bigger value		
U30	30	50	55	260	90	Should be chosen bigger value		
U40	40	50	55	330	120	Should be chosen bigger value		
U60	60	50	55	510	180	Should be chosen bigger value		
U90	90	50	55	650	270	Should be chosen bigger value		

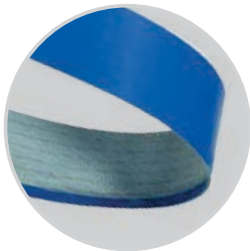


Sidewall Types Sidewalls are the best way to convey almost every size of product with minimum damage and spillage of conveyed material. Sidewall is a good alternative to troughable belts with a higher loading capacity which is improved up to 50%.

> Dimensions may differ + / - 10%. > Above mentioned pulley diameters are under normal working conditions. > Lower temperatures require larger pulley diameters.

* For cleat application, belt top layer thickness of minimum 0,7mm is recommended.

SPECIAL APPLICATIONS



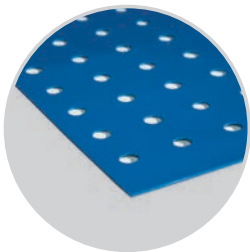
Edge Sealing

The process of sealing the edges protects the belt against external influences. Preventing the penetration of chemicals and bacteria improves the belt's hygiene standards so that the conveyed material is protected against contamination. It is ideal, especially for food applications where chemicals or bacteria could penetrate into the carcass.



Custom Cover

Belts can be fabricated with custom covers for synchronized conveying applications or for protection against abrasion. Urethane and rubber are the most commonly used types of covers.



Perforations

Perforated belts with different sized holes can be supplied according to customized configurations. From vacuum belts to drainage belts, Megadyne offers perforated belts with accurately spaced, smooth holes with the help of its wide range of dies. Custom dies are available on request.



Curved Belt

Curved belts may be supplied in accordance with requested angles and customized drawings. They can be produced with special fabrications such as perforations or v-guides in order to be attached on tracking systems.



Wave Profiled Belt

The special design of the wave profile ensures conveying the products without any damage.

It is generally used for fruit or vegetable conveying, both of which require sensitive handling. Also, the flexible structure of the profile allows the use of smaller diameter pulleys.

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