

Conveyor Belts & Power Transmission Belts



Carrying your trust since 1967



Conveyor Belts Type Codes

Ziligen Code
Type number
(Working Load)
Number of plies
Underside Coating
Top face coating
Thickness
Belt characteristics
and color

Z 5/1 FU/U2-11 MAT NA WHITE
Z 10/2 V1/V1-27 GSTR/GL GREEN

Abbreviations Used

- F** Polyester fabric

C Coton fabric

O Coton Polyester fabric

FU PU impregnated polyester fabric

FV PVC impregnated polyester fabric

V1 74 Shore A PVC for all standard conveying processes

V2 74 Shore A PVC with high abrasion and cut resistance lower tracking properties

V3 50 Shore A PVC with high tracking properties

V4 85 Shore A Food grade PVC with high oil resistance

V5 85 Shore A PVC high resistant to abrasion

V6 55 Shore A PVC NBR mixed highly resistant to chemicals and perfect tracking properties

V7 74 Shore A PVC with high tracking properties

V8 74 Shore A PVC resistant to abrasion and good tracking properties

V10 75 Shore A PVC resistant to abrasion and good tracking properties
- U** PU impregnated

U1 86 Shore Polyurethan

U2 93 Shore Polyurethan

R1 74 Shore A NBR Rubber

R2 60 Shore A NBR Rubber

MAT Mat finish

NA Non Antistatic

GSTR Coarse textured pattern

STR Fine textured pattern

NT Half round pattern

AR Rough pattern

AR-RT Grip pattern

CH Check in pattern

SG Lattice pattern

GL Glossy finish

NP Negative pyramid

Power Transmission Belts Type Codes

Ziligen Code
Friction Coating
Top Coating
Type number
(Working Load)
Thickness

NP GG 10/3
NP GT 10

Abbreviations Used

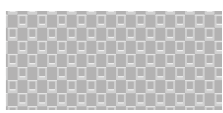
- G** Highly abrasion resistant NBR or XNBR rubber

L Chrome leather resistant to oils
- T** Nylon Fabric

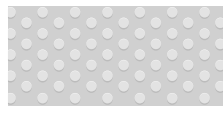
ZS Special Process

	TYPES	TOP COVER					BOTTOM COVER					Tension Member			Electrostatic Properties	Food Application TS-EN 1186-1/15	Flame retardant	Total Thickness (mm)	Weight (kg/m²)	Working load 1% elongation (N/mm)	Minimum drum diameter mm	Max. Working Temp. (°C)	Min. Working Temp. (°C)	Production width (mm)	TYPES	
		Material	Hardness	Colour	Structure	Thickness (mm)	Material	Hardness	Colour	Structure	Thickness (mm)	Number of plies	Material	Structure												
PVC BELTS	Z 5/1 F/V1-15 GREEN	PVC	74	Green	GL	1,0	PES	-	Natural	Textile	-	1	PES	Rigid	○	-	-	1,50	1,70	5	20	+70	-10	2100	Z 5/1 F/V1-15 GREEN	PVC BELTS
	Z 6/1 F/V1-13 GSTR BLACK	PVC	74	Black	GSTR	0,6	PES	-	Natural	Textile	-	1	PES	Rigid	●	-	-	1,30	1,34	6	20	+70	-10	2200	Z 6/1 F/V1-13 GSTR BLACK	
	Z 8/1 V1/V1-30 MT WHITE	PVC	74	White	Matt	1,0	PVC	-	White	Impregnated	0,1	1	PES	Flexible	○	x		3,00	3,20	8	50	+70	-10	2050	Z 8/1 V1/V1-30 MT WHITE	
	Z 8/1 V1/V8-30 FDA WHITE	PVC	74	White	GL	1,0	PVC	-	White	Impregnated	0,1	1	PES	Flexible	○	x		3,00	3,20	8	50	+70	-10	2050	Z 8/1 V1/V8-30 FDA WHITE	
	Z 8/2 F/V1-17 GSTR BLACK	PVC	74	Black	GSTR	0,7	PES		Natural	Textile	-	2	PES	Rigid	●			1,70	1,90	8	45	+70	-10	2200	Z 8/2 F/V1-17 GSTR BLACK	
	Z 10/2 F/L-25 GREY	Leather	-	Gri	-	2,5	PES		Natural	Impregnated	0,1	2	PES	Rigid	○			4,20	4,50	10	100	+70	-10	1000	Z 10/2 F/L-25 GREY	
	Z 10/2 F/V1-21 WHITE	PVC	74	White	GL	0,5	PES	-	Natural	Textile	-	2	PES	Rigid	○	x		2,00	2,20	10	40	+70	-10	3000	Z 10/2 F/V1-21 WHITE	
	Z 10/2 F/V1-21 GREEN	PVC	74	Green	GL	0,5	PES	-	Natural	Textile	-	2	PES	Rigid	○			2,00	2,20	10	40	+70	-10	3000	Z 10/2 F/V1-21 GREEN	
	Z 10/2 F/V1-25 WHITE	PVC	74	White	GL	1,0	PES	-	Natural	Textile	-	2	PES	Rigid	○	x		2,50	2,70	10	60	+70	-10	3000	Z 10/2 F/V1-25 WHITE	
	Z 10/2 F/V1-25 GREEN	PVC	74	Green	GL	1,0	PES	-	Natural	Textile	-	2	PES	Rigid	○			2,50	2,70	10	60	+70	-10	3000	Z 10/2 F/V1-25 GREEN	
	Z 10/2 F/V1-27 GSTR GREEN	PVC	70	Green	GSTR	1,0	PES	-	Natural	Textile	-	2	PES	Rigid	○			2,70	2,90	10	60	+70	-10	2200	Z 10/2 F/V1-27 GSTR GREEN	
	Z 10/2 F/V1-23 NP WHITE	PVC	74	White	NP	0,8	PES				-	2	PES	Rigid	○	x		2,30	2,50	10	45	+70	-10	2200	Z 10/2 F/V1-23 NP WHITE	
	Z 10/2 F/V3-52 AR-RT WHITE	PVC	55	White	AR-RT	2,5	PES	-	Natural	Textile	-	2	PES	Rigid	○	x		5,20	5,00	10	60	+70	-10	2000	Z 10/2 F/V3-52 AR-RT WHITE	
	Z 10/2 F/V3-52 AR-RT BLACK	PVC	55	Black	AR-RT	2,5	PES	-	Natural	Textile	-	2	PES	Rigid	○			5,20	5,00	10	60	+70	-10	2000	Z 10/2 F/V3-52 AR-RT BLACK	
	Z 10/2 F/V3-52 AR-RT GREEN	PVC	55	Green	AR-RT	2,5	PES	-	Natural	Textile	-	2	PES	Rigid	○			5,20	5,00	10	60	+70	-10	2000	Z 10/2 F/V3-52 AR-RT GREEN	
	Z 10/2 F/V5-21 MT BLACK	PVC	82	Black	Matt	0,5	PES	-	Natural	Textile	-	2	PES	Rigid	●			2,10	2,20	10	35	+70	-10	2200	Z 10/2 F/V5-21 MT BLACK	
	Z 10/2 F/V6-25 SG BLACK	PVC	55	Black	SG	1,0	PES	-	Natural	Textile	-	2	PES	Rigid	○			2,50	2,80	10	40	+70	-10	2100	Z 10/2 F/V6-25 SG BLACK	
	Z 10/2 F/V7-45 CH WHITE	PVC	65	White	CH	2,0	PES	-	Natural	Textile	-	2	PES	Rigid	○	x		4,50	5,00	10	80	+70	-10	1600	Z 10/2 F/V7-45 CH WHITE	
	Z 10/2 V1/V1-27 GSTR/GL GREEN	PVC	74	Green	GL	0,7	PVC	74	Green	GSTR	0,5	2	PES	Rigid	○			2,70	3,20	10	60	+70	-10	2200	Z 10/2 V1/V1-27 GSTR/GL GREEN	
Z 10/2 V1/V1-27 NP/GL GREEN	PVC	74	Green	GL	0,7	PVC	74	Green	NP	0,5	2	PES	Rigid	○			2,70	3,20	10	60	+70	-10	2200	Z 10/2 V1/V1-27 NP/GL GREEN		
PU BELTS	Z 12/2 F/V1-25 AS MT SE FR BLACK	PVC	82	Black	Matt	1,0	PES	-	Natural	-	-	2	PES	Rigid	●		x	2,50	3,40	12	60	+70	-10	2200	Z 12/2 F/V1-25 AS MT SE FR BLACK	PU BELTS
	Z 15/3 F/V1-38 GREEN	PVC	74	Green	GL	2,0	PES	-	Natural	Textile	-	3	PES	Rigid	○			3,80	4,90	15	100	+70	-10	3000	Z 15/3 F/V1-38 GREEN	
	Z 20/2 V10/V10-50 WHITE	PVC	75	White	GL	2,0	PVC	75	White	GL	1	2	PES	Flexible	●	x		5,00	5,70	20	140	+70	-10	2000	Z 20/2 V10/V10-50 WHITE	
	Z 30/3 V10/V10-61 WHITE	PVC	75	White	GL	2,0	PVC	75	White	GL	1	3	PES	Flexible	●	x		6,10	6,70	30	200	+70	-10	2000	Z 30/3 V10/V10-61 WHITE	
	Z 40/2 FV/V5-50 WHITE	PVC	84	White	GL	2,0	PVC	-	Natural	Impregnated	0,1	2	PES	Flexible	○	x		5,00	5,50	20	140	+70	-10	2200	Z 40/2 FV/V5-50 WHITE	
	Z 50/4 V10/V10-74 WHITE	PVC	75	White	GL	2,0	PVC	75	White	GL	1	4	PES	Flexible	○	x		7,40	8,10	50	300	+70	-10	2000	Z 50/4 V10/V10-74 WHITE	
	Z 2/1 FU/U2-07 MT NA WHITE	PU	93	White	Matt	0,2	PU	-	Natural	Impregnated	0,1	1	PES	Rigid	○	x		0,70	0,60	2	8	100	-20	2100	Z 2/1 FU/U2-07 MT NA WHITE	
	Z 4/2 FU/U2-11 MT ANT WHITE	PU	93	White	Matt	0,2	PU	-	Natural	Impregnated	0,1	2	PES	Rigid	●	x		1,10	1,05	4	8	100	-10	2000	Z 4/2 FU/U2-11 MT ANT WHITE	
	Z 4/2 FU/U1-11 FSTR WHITE	PU	86	White	FSTR	0,2	PU	-	Natural	Impregnated	0,1	2	PES	Rigid	●	x		1,10	1,05	4	8	100	-10	2000	Z 4/2 FU/U1-11 FSTR WHITE	
	Z 5/1 F/FU-05 BLACK	PU	-	Black	Impregnated	0,1	PE	-	Natural	Textile	-	1	PES	Rigid	●			0,50	0,55	5	8	+100	-10	2100 - 3000	Z 5/1 F/FU-05 BLACK	
	Z 5/1 FU/U2-11 MAT NA WHITE	PU	93	White	Matt	0,4	PU	-	Natural	Impregnated	0,1	1	PES	Rigid	○	x		1,10	1,25	5	8	100	-20	2100	Z 5/1 FU/U2-11 MAT NA WHITE	
	Z 7/2 FU/U2-12 MT NA WHITE	PU	93	White	Matt	0,2	PU	-	Natural	Impregnated	0,1	2	PES	Rigid	○	x		1,20	1,30	7	20	100	-10	2000	Z 7/2 FU/U2-12 MT NA WHITE	
	Z 2/2 C1/C1-21	Cotton	-	Natural	Fabric	1,0	Cotton	-	Natural	Textile	-	2	Cotton	Flexible	○			2,10	1,80	2	10	+110	-30	3000	Z 2/2 C1/C1-21	
	Z 7/3 C/C-23	Cotton	-	Natural	Fabric	1,0	Cotton	-	Natural	Textile	-	3	Cotton	Rigid	○			2,30	2,50	7	40	+100	-10	3000	Z 7/3 C/C-23	
	Z 10/2 F/F-10	PES	-	Natural	Fabric	0,5	PES	-	Natural	Textile	-	2	PES	Rigid	○			1,00	1,10	10	10	+100	-10	3000	Z 10/2 F/F-10	
	Z 10/2 F/F-15	PES	-	Natural	Fabric	0,5	PES	-	Natural	Textile	-	2	PES	Rigid	○			1,50	1,60	10	40	+80	-10	3000	Z 10/2 F/F-15	
	Z 15/3 F/F-25	PES	-	Natural	Fabric	0,5	PES	-	Natural	Textile	-	3	PES	Rigid	○			2,50	2,70	15	60	+80	-10	3000	Z 15/3 F/F-25	
	Z 24/4 0/0-40	PES		Natural	Fabric	1,1	PES	-	Natural	Textile	-	4	PES	Flexible	●			4,00	4,40	24	100	+100	-10	1500	Z 24/4 0/0-40	
	Z 3/2 EC/EC-25	Cotton/PES	-	Natural	Fabric	1,1	Cotton/PES	-	Natural	Textile	-	2	PES	Flexible	○			2,50	2,70	3	25	+80	-10	3000	Z 3/2 EC/EC-25	
MARBLE BELTS	Z 15/3 FV/R2-120 GSTR BLACK	Rubber	60	Black	GSTR	7,0	Rubber	-	Yellow	Impregnated	0,1	3	PES	Rigid	○			12,00	14,60	15	280	70	-10	1400	Z 15/3 FV/R2-120 GSTR BLACK	MARBLE BELTS
	Z 15/3 FV/V6-100 NT BLACK	TPE	55	Black	NT	6,0	PVC-Rubber	-	Yellow	Impregnated	0,1	3	PES	Rigid	○			10,00	11,50	15	280	+70	-10	2150	Z 15/3 FV/V6-100 NT BLACK	
	Z 40/2 FV/V2-50 NT GREEN	PVC	74	Green	NT	2,0	PVC	-	Yellow	Impregnated	0,1	2	PES	Flexible	○			5,20	5,70	40	150	+70	-10	2200	Z 40/2 FV/V2-50 NT GREEN	
	Z 40/2 FV/V2-70 NT DARK BLUE	PVC	55	Dark Blue	NT	4,0	PVC	-	Yellow	Impregnated	0,1	2	PES	Flexible	○			7,00	7,70	40	180	+70	-10	2200	Z 40/2 FV/V2-70 NT DARK BLUE	
	Z 45/3 FV/V6-130 NT BLACK	TPE	50	Black	NT	6,5	PVC-Rubber	-	Yellow	Impregnated	0,1	3	PES	Rigid	○			13,00	14,30	45	350	+71	-10	2200	Z 45/3 FV/V6-130 NT BLACK	
	Z 55/3 FV/V2-70 NT GREEN	PVC	74	Green	NT	2,0	PVC	-	Yellow	Impregnated	0,1	3	PES	Flexible	○			7,00	7,70	55	210	+70	-10	2200	Z 55/3 FV/V2-70 NT GREEN	
	Z 70/4 FV/V2-90 GSTR GREEN	PVC	74	Green	GSTR	2,0	PVC	-	Yellow	Impregnated	0,1	4	PES	Flexible	○			9,00	9,90	70	450	+70	-10	2200	Z 70/4 FV/V2-90 GSTR GREEN	
	Z 10/2 FV/R1-60 AR MUSTARD	Rubber	74	Mustard	AR	2,0	Rubber	-	Natural	Impregnated	0,1	2	PES	Rigid	○			6,00	6,60	10	100	+70	-10	600	Z 10/2 FV/R1-60 AR MUSTARD	
OT.	Z 15/3 FR/R1-30 (NP TG 12 E-30)	Rubber	74	Green	STR	1,0	Rubber	-	Black	Impregnated	0,1	3	PES	Rigid	○			3,00	3,30	15	50	+100	-10	600	Z 15/3 FR/R1-30 (NP TG 12 E-30)	OT.

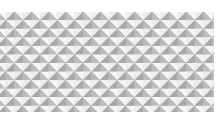
- Non Antistatic
- Antistatic top cover
- Antistatic bottom cover



GSTR



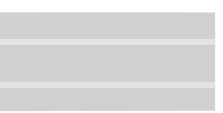
NT



NP



AR-RT

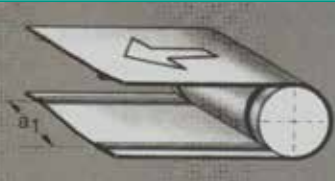
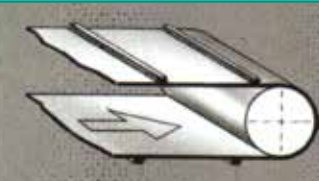
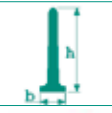


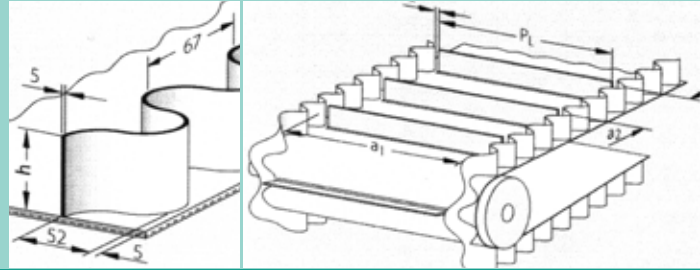
CH

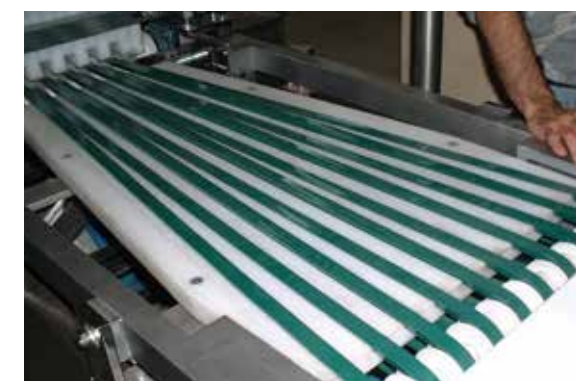


SG

[illegible]

 PU - PVC PROFILES 													
	Section	Code	Dimensions mm			Colour		Weight g/m	Lateral profile		Longitunal profile		
			b	h	a	White	Green		a2 min. mm	Ø d min. mm	a1 min. mm	Bottom cover	Upper cover
PU PROFILES		K 10 PU	10	6	6		x	55	30	50	30	70	60
		K 13 PU	13	8	7.5		x	100	30	80	30	90	60
		K 15 PU	15	8	9.5		x	120	30	90	30	90	60
		K 17 PU	17	11	9.5		x	170	30	110	30	90	90
		T 30 PU	12	30		x		180	30	50	-	-	-
		T 50 PU	12	50		x		250	30	50	-	-	-
PVC PROFILES		ZF 15x20	15	20		x	x	290	30	110	30	130	110
		ZF 20x5	20	5		x	x	105	40	80	40	80	65
		ZF 40x5	40	5		x	x	215	60	110	60	80	65
		ZF 60x5	60	5		x	x	325	80	140	80	80	65
		ZK 6	6	4	4	x		25	30	30	30	40	30
		ZK 8	8	5	5		x	40	30	40	30	55	50
		ZK 10	10	6	6	x	x	55	30	50	30	70	60
		ZK 13	13	8	7.5	x	x	100	30	80	30	90	60
		ZK 15	15	8	9.5	x	x	120	30	90	30	90	60
		ZK 17	17	11	9.5	x	x	170	30	110	30	90	90
		ZK 30	30	16	18		x	470	60	180	50	230	180
		ZK 30/10	30	10	24		x	380	60	180	50	220	170
		ZT 20	20	20		x	x	160	30	90	40	-	120
		ZT 30	26	30		x	x	320	40	110	-	-	-
		ZL 30	33	30		x		390	75	110	-	-	-
		ZL 40	33	40		x	x	470	80	110	-	-	-
		ZL 60	35	60		x	x	600	90	110	-	-	-
		ZL 80	46	80		x	x	1200	100	140	-	-	-

PU ROUND BELTS							
ROUND BELTS	Section	Code	Diameter Ø d mm	Colour	Hardness	Weight g/m	Min. Drum diameter
		3 mm EUW	3	Green	88 Sh A	9	25
		4 mm EUW	4	Green	88 Sh A	15	40
		5 mm EUW	5	Green	88 Sh A	24	50
		6 mm EUW	6	Green	88 Sh A	34	60
		8 mm EUW	8	Green	88 Sh A	60	80
		10 mm EUW	10	Green	88 Sh A	94	100
		12 mm EUW	12	Green	88 Sh A	135	120
		15 mm EUW	15	Green	88 Sh A	212	150
CORRUGATED SIDEWALLS	SIDEWALLS						
	Code	Height h mm	Colour		Weight g/m	Longitunal profile	
			White	Green		Ø d min. mm	a1 min. mm
						a1 max. mm	a2 min. mm
	Z.FW 40	40	x	x	430	120	250
	Z.FW 60	60	x	x	645	150	250
	Z.FW 80	80	x	x	865	150	250



Hot Press Series For Power Transmission Belts

ZEHP 1 30 mm PRESS 110 °C

ZEHP 5 50 mm PRESS 110 °C

ZEHP 10 100 mm PRESS 110 °C

ZEHP 15 150 mm PRESS 110 °C

ZEHP 1 30 mm PRESS 110 °C



ZEHP 5 50 mm PRESS 110 °C



ZEHP 10 100 mm PRESS 110 °C



Hot Press Series for Conveyor Belts

ZTHP 15 150 mm PRESS 170 °C

ZTHP 30 300 mm PRESS 170 °C

ZTHP 50 500 mm PRESS 170 °C

ZTHP 60 600 mm PRESS 170 °C

ZTHP 75 750 mm PRESS 170 °C

ZTHP 90 900 mm PRESS 170 °C

ZTHP 100 1000 mm PRESS 170 °C

ZTHP 120 1200 mm PRESS 170 °C

ZTHP 130 1300 mm PRESS 170 °C

ZTHP 150 1500 mm PRESS 170 °C

ZTHP 160 1600 mm PRESS 170 °C

ZTHP 170 1700 mm PRESS 170 °C

ZTHP 180 1800 mm PRESS 170 °C

ZTHP 200 2000 mm PRESS 170 °C

ZTHP 220 2200 mm PRESS 170 °C

ZTHP 250 2400 mm PRESS 170 °C

ZTHP 300 3000 mm PRESS 170 °C

ZTHP 350 3500 mm PRESS 170 °C

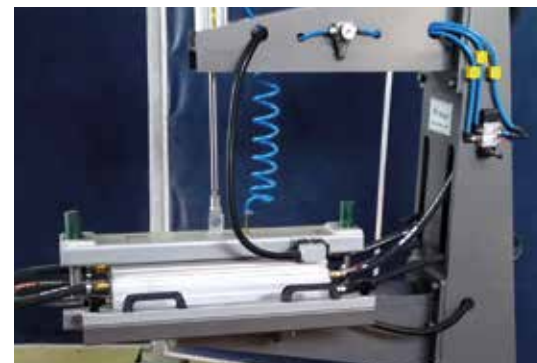
ZTHP 220 2200 mm PRESS 170 °C



ZTHP 15 150 mm PRESS 170 °C



ZTHP 60 600 mm PRESS 170 °C



ZTHP 350 3500 mm PRESS 170 °C





Z -Splicing Machine

ZSM 135 Z-Splicing Machine

ZSM 135 Z-Splicing Machine



Belt Cutting Machine

ZBCM 700 Belt Cutting Machine

ZBCM 700 Belt Cutting Machine



Skiving Machines

ZTA 5

ZTA 10

ZTA 15

ZTA 20

ZTA 10

