

Lateral profiles, longitudinal guides and sidewalls

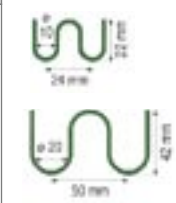


CHIORINO manufactures **profiles, guides and sidewalls** from special PVC and polyurethane compounds in various Sh.A hardnesses giving high flexibility and resistance to abrasion and oils.

They have been designed to be perfectly compatible with the conveyor belt covers and are fitted by means of different vulcanising systems which guarantee a perfect and long lasting bond using equipment normally available in all the fabrication workshops of CHIORINO.

- ▶ **Standard colours:** see tables. Special colours can be supplied on request.
- ▶ **Minimum pulley diameters:** the values of the minimum pulley diameters are meant as a guide only and they are based on a 2 mm thick belt, working at room temperature. The minimum pulley values which refer to K, KN and S profiles are valid only when fitted on the driving surface of the belt.
- ▶ In case of **back-flexing** (for K and S guides) diameters have to be increased by 50%.
- ▶ It is not advisable to fit KN guides longitudinally on the conveying surface. For the fitting of K, KN e S profiles please contact the CHIORINO Technical Support.

Profile	Type	Sizes	Thickness	Minimum diameter (1)	Hardness	Standard colours		Notes
		ØxHt				[mm]	[Sh.A]	
POLYURETHANE SIDEWALLS								
	C-U 10/20	10 x 20	1,7	50	85	✓	✓	Polyurethane sidewalls, without base, fitted longitudinally. They allow the use of small pulley diameters.
	C-U 10/30	10 x 30	1,7	70	85	✓	✓	
	C-U 10/40	10 x 40	1,7	100	85	✓	✓	
	C-U 10/50	10 x 50	1,7	120	85	✓	✓	
	C-U 10/60	20 x 60	1,7	150	85	✓	✓	
	C-U 10/80	20 x 80	1,7	190	85	✓	✓	
PVC SIDEWALLS WITH TEXTILE CORE								
	CV-T 10/20	10 x 20	1,7	60	60	✓	✓	Sidewalls with textile core, purposely designed to be applied on PVC belts on any thickness and number of plies for use in special applications (e.g. in food-processing, agriculture or for general conveying of loose bulk products).
	CV-T 10/30	10 x 30	1,7	80	60	✓	✓	
	CV-T 10/40	10 x 40	1,7	110	60	✓	✓	
	CV-T 10/50	10 x 50	1,7	140	60	✓	✓	
	CV-T 10/60	20 x 60	1,7	170	60	✓	✓	
	CV-T 10/80	20 x 80	1,7	210	60	✓	✓	



(1) Minimum pulley diameters referred to environment conditions of 20°C.

Profile	Type		Dimm. b x h (mm)	Hardness (Sh.A)		Base		Standard colours		Minimum pitch (mm)		Minimum diam. (1) (mm)		Notes	
	PVC	PUR		PVC	PUR	flat	grooved	green	blue	long.	transv.	long.	transv.		
	K6	K6 U	6 x 3	60	70	✓		✓	✓		40	40	30	50	Trapezoidal profiles, mainly fitted on conveyor belts as guides.
	K8	K8 U	8 x 5	60	70	✓	✓	✓	✓		40	40	40	50	
	K10	K10 U	10 x 6	60	70	✓	✓	✓	✓		40	40	60	50	
	K13	K13 U	13 x 8	60	70	✓	✓	✓	✓		45	45	80	80	
	K17	K17 U	17 x 11	60	70	✓	✓	✓	✓		45	45	120	100	
	K30	-	30 x 15	60	-	✓		✓	✓		60	60	220	150	
	KN8	KN8 U	8 x 5	60	70	✓	✓	✓	✓		40	40	35	-	Knotched trapezoidal profiles are more flexible than K types and can be used on smaller roller diameters. It is not advisable to fit KN guides longitudinally on the conveying surface.
	KN8 GR	-	8 x 5	60	-	✓				✓	40	40	35	-	
	KN10	KN10 U	10 x 6	60	70	✓	✓	✓	✓		40	40	40	-	
	KN10 GR	-	10 x 6	60	-	✓				✓	40	40	40	-	
	KN13	KN13 U	13 x 8	60	70	✓	✓	✓	✓		45	45	50	-	
	KN13 GR	-	13 x 8	60	-	✓				✓	45	45	50	-	
	KN17	KN17 U	17 x 11	60	70	✓	✓	✓	✓		45	45	100	-	
KN30	-	30 x 15	60	-	✓		✓	✓		60	60	180	-		
	S8	S8 U	8 x 8	60	70	✓	✓	✓	✓		40	40	80	50	Profiles with square or rectangular section. Fitted both laterally for inclined conveyors and longitudinally as sidewalls.
	S12	S12 U	12 x 12	60	70	✓	✓	✓	✓		45	45	120	80	
	S15	-	15 x 20	60	-		✓	✓	✓		60	60	220	100	
	S20	-	20 x 15	60	-		✓	✓	✓		60	60	220	130	
	S25	-	20 x 25	60	-		✓	✓	✓		60	60	300	150	
	-	L20 U HP	10 x 20	-	70	✓		✓	✓	✓	-	55	-	40	Polyurethane HP, hardness 70 Sh.A, inclined lateral profile (80°) with highly flexible 10 mm base.
	-	L30 U HP	10 x 30	-	70	✓		✓	✓	✓	-	55	-	40	
	-	L40 U HP	10 x 40	-	70	✓		✓	✓	✓	-	55	-	40	
	-	L50 U HP	10 x 50	-	70	✓		✓	✓	✓	-	55	-	40	
	-	L80 U HP	10 x 80	-	70	✓		✓	✓	✓	-	55	-	40	
	-	T20 U HP	10 x 20	-	70	✓		✓	✓	✓	-	55	-	40	Polyurethane HP, hardness 70 Sh.A, lateral profiles, straight (90°), with highly flexible 10 mm base.
	-	T30 U HP	10 x 30	-	70	✓		✓	✓	✓	-	55	-	40	
	-	T40 U HP	10 x 40	-	70	✓		✓	✓	✓	-	55	-	40	
	-	T50 U HP	10 x 50	-	70	✓		✓	✓	✓	-	55	-	40	
	-	T60 U HP	10 x 60	-	70	✓		✓	✓	✓	-	55	-	40	
	-	L20 U	20 x 20	-	85	✓		✓	✓		-	55	-	60	Polyurethane inclined lateral profiles (80°).
	-	L30 U	20 x 30	-	85	✓		✓	✓		-	55	-	60	
	-	L40 U	20 x 40	-	85	✓		✓	✓		-	55	-	60	
	-	L50 U	20 x 50	-	85	✓		✓	✓		-	55	-	60	
	-	L80 U	20 x 80	-	85	✓		✓	✓		-	55	-	60	
	-	T20 U	20 x 20	-	85	✓		✓	✓		-	55	-	60	Polyurethane, lateral profiles, straight (90°).
	-	T30 U	20 x 30	-	85	✓		✓	✓		-	55	-	60	
	-	T40 U	20 x 40	-	85	✓		✓	✓		-	55	-	60	
	-	T50 U	20 x 50	-	85	✓		✓	✓		-	55	-	60	
	-	T60 U	20 x 60	-	85	✓		✓	✓		-	55	-	60	
	L20	-	23 x 20	60	-		✓	✓	✓		-	55	-	80	PVC inclined lateral profiles (80°).
	L30	-	23 x 30	60	-		✓	✓	✓		-	55	-	80	
	L40	-	23 x 40	60	-		✓	✓	✓		-	55	-	80	
	L50	-	27 x 50	60	-		✓	✓	✓		-	55	-	100	
	L60	-	27 x 60	60	-		✓	✓	✓		-	55	-	100	
	L70	-	27 x 70	60	-		✓	✓	✓		-	55	-	100	
	L80	-	27 x 80	60	-		✓	✓	✓		-	55	-	100	
	T20	-	23 x 20	60	-		✓	✓	✓		-	55	-	80	PVC lateral profiles, straight (90°).
	T30	-	23 x 30	60	-		✓	✓	✓		-	55	-	80	
	T40	-	23 x 40	60	-		✓	✓	✓		-	55	-	80	
	T50	-	27 x 50	60	-		✓	✓	✓		-	55	-	100	
	T60	-	27 x 60	60	-		✓	✓	✓		-	55	-	100	
	T70	-	27 x 70	60	-		✓	✓	✓		-	55	-	100	
	T80	-	27 x 80	60	-		✓	✓	✓		-	55	-	100	
	L20 RF	-	20 x 20	60	-	✓		✓	✓		-	65	-	80	PVC inclined lateral profiles (80°). Flat base without groove, eliminates contamination from product.
	L30 RF	-	20 x 30	60	-	✓		✓	✓		-	65	-	80	
	L40 RF	-	20 x 40	60	-	✓		✓	✓		-	65	-	80	
	L50 RF	-	20 x 50	60	-	✓		✓	✓		-	65	-	80	
	L70 RF	-	20 x 70	60	-	✓		✓	✓		-	65	-	80	
	T20 RF	-	20 x 20	60	-	✓		✓	✓		-	65	-	80	PVC lateral profiles, straight (90°). Flat base without groove, eliminates contamination from product.
	T30 RF	-	20 x 30	60	-	✓		✓	✓		-	65	-	80	
	T40 RF	-	20 x 40	60	-	✓		✓	✓		-	65	-	80	
	T50 RF	-	20 x 50	60	-	✓		✓	✓		-	65	-	80	
	T60 RF	-	20 x 60	60	-	✓		✓	✓		-	65	-	80	
T80 RF	-	20 x 80	60	-	✓		✓	✓		-	65	-	80		

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