

Special Conveyor Belts

PATTERN CONVEYOR BELTING (INTEGRATED MOULDING/IMPRESSION)

CHEVRON PROFILE BELTING

Chevron conveyor belts are specially designed for the effective material handling in the applications where the angle of incline is higher (>180°) for the material to be conveyed and the material tends to slide on a conventional conveyor belt. Our belts are suitable for transporting a wide range of bulk materials and also for unit loads such as bags, bales, crates, sacks etc. we can achieve conveying capacities even at inclinations up to 40°-45°.

In contrast to the profile/cleats that are vulcanized separately on to flat conveyor belt, the profile/cleats on the Capital King belts are integrally molded into the top cover of the belt during the manufacturing process. The advantages of specially designed integrally molded chevron belts is that the life of profile/cleat is enhanced due to low flexing/bending stress generated while negotiating around pulleys, this feature also permits the use of smaller pulley diameters.

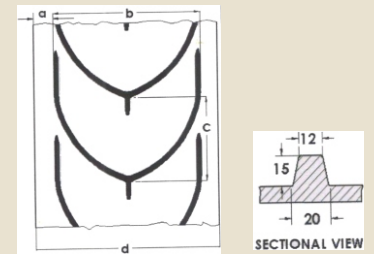
The overlapping of the profile /cleats assures a smooth return run and thus minimizing the damage caused, by the return idlers, to the profile/cleats.

Incline angles achievable incline angles are depending on type of chevron selected and the material characteristics, such as, lump size, flowability, dry/wet, shape etc.

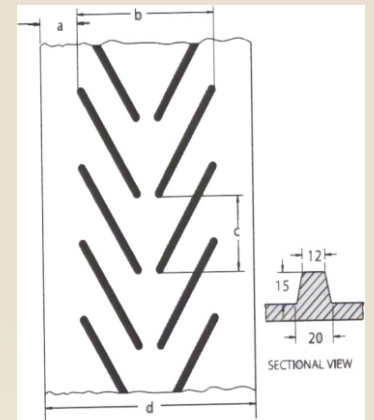
RANGE OF CHEVRON BELTS

Belt Width:	Type of Fabric:	Profile/Cleat Height	No. of plies	Length	Duty of Belting	Cover Grades	Standard Followed
350 mm - - - - (64")	EP (Polyester-Nylon), NN/PP(Nylon-Nylon)	15 mm, 25 mm, 30 mm, 32 mm	1 to 5	Standard roll length is 100 meters, However, tailor-made lengths as per specific requirements can be produced, the restriction on length over and above 100 meters is subject to transportable roll diameter and weight	Type, I, II & III	M-24, N-17, M-25, SAR-90, SAR-60, OR, FR, HR/HR-T1, SHR/HR-T2, HR-T3 (180°C), Hygienic (food Grade), OR-HR	IS 1891 (Part I, II, III, IV & V) BS 490, CAN-CSA-M422-M87-C ISO-340, ISO 4195 (part I & II), as 1332, DIN 22102, RMA, SANS

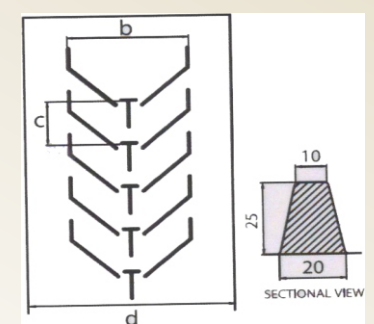
Item Code	Belt Width (D) mm	Cleat Width (B) mm	Cleat Pitch (C) mm	Cleat Height MM
CKY15-575	650 TO 1200	575	335	15



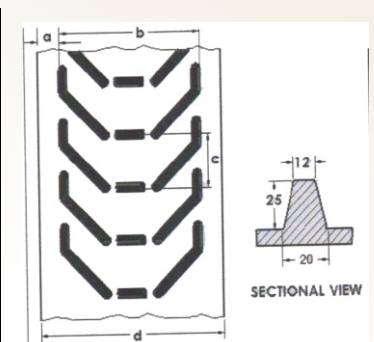
Item Code	Belt Width (D) mm	Cleat Width (B) mm	Cleat Pitch (C) mm	Cleat Height MM
CKY15-300	350 TO 650	300	145	15
CKY15-385	400 TO 800	375	250	15
CKY15-450	550 TO 800	450	220	15
CKY15-600	750 TO 1000	600	250	15
CKY15-750	900 TO 1200	750	250	15



Item Code	Belt Width (D) mm	Cleat Width (B) mm	Cleat Pitch (C) mm	Cleat Height MM
CKB 25-1000	1200 TO 1600	1000	400	25
CKB 25-285	350 TO 500	285	280	25



Item Code	Belt Width (D) mm	Cleat Width (B) mm	Cleat Pitch (C) mm	Cleat Height MM
CKB 25-450	500 TO 900	450	250	25
CKB 25-550	650 TO 1000	550	250	25
CKB 25-750	900 TO 1200	750	330	25



Item Code	Belt Width (D) mm	Cleat Width (B) mm	Cleat Pitch (C) mm	Cleat Height MM
CKY 30-1200	1400 TO 1600	1200	330	30
CKY 30-700	800 TO 1200	700	300	32

