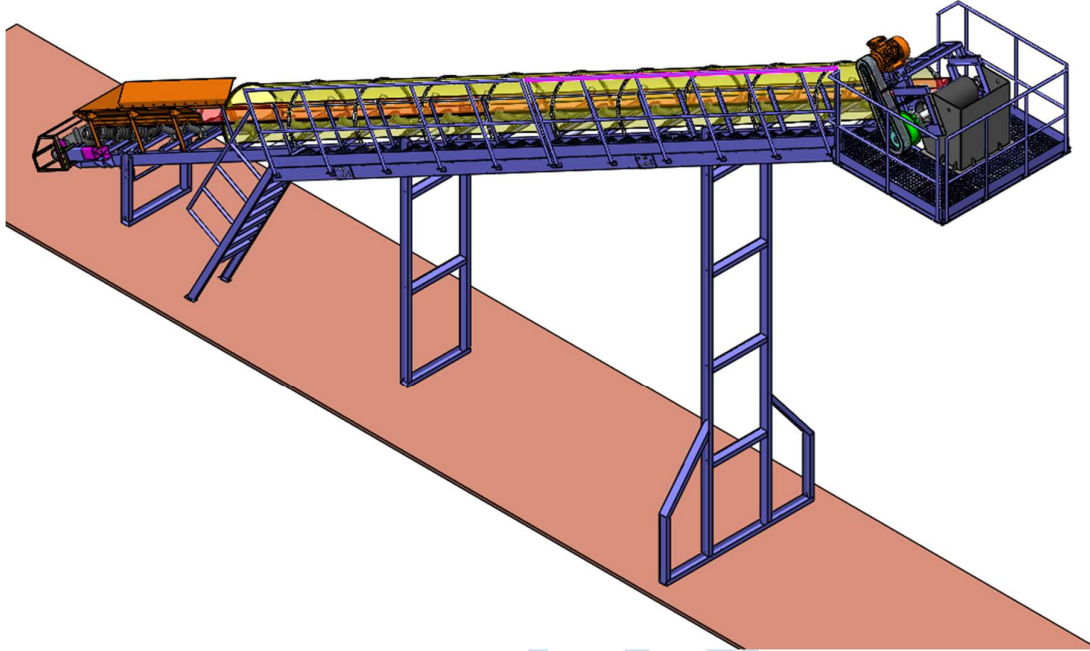


CONVEYOR BELT SELECTION GUIDE



We consistently supply Grade: M24 Conveyor Belts to extremely large clientele base in almost all sectors at National & International Level. Our 'V - con/Bull flex' Branded Belts are in great demand for handling of Bulk Materials of normal temperatures up to 70° C. The Carrying Side and Bottom Covers Quality of Grade M24 Conveyor Belts are made from toughened compounds even to resist highly ferrous, abrasive and non-abrasive materials. Our 'Bull Flex' Branded belts have found their places in most Mining Reserves of Sponge Iron / Pig Iron, Minerals, Coal, Copper, Aluminium, Paper Industries, Fertilizer Plants, Material Handling Plants, Bagging Plants, Sugar Mills, Copper / Aluminium / Lead / Zinc Extraction Sinter / Smelter Plants., Heavy Jaw Crushers Crushing Boulder Stones etc. These belts are technically designed for Medium/ Heavy Duties for and are conforming to IS: 1891 (Part – I) 1994 Latest.

Belts Selection Chart

Belt Designation PP or NN		Max-Recommended Working Tension (Vulcanized Splice)	Nominal Carcass Thickness Approx.	Max. Belt Width (mm) For Satisfactory Load Support (Material Density in T/Cub m)			Min Belt Width (mm) For Satisfactory Troughing Angle		
TYPE	RATING PER PLY	(KN/M)	(MM)	UPTO 1.0	UPTO 1.5	UPTO 2.5	20o	30o	45o
GENERAL DUTY	200/2	20	2.1	650	500	400	300	300	350
	250/2	25	2.2	650	600	450	400	450	500
	315/3	31	3.2	1000	800	650	400	450	500
	400/3	40	3.3	1050	900	650	500	500	500
	500/3	50	3.6	1200	900	800	500	500	500
	630/3	63	3.8	1200	1000	800	500	500	500
MEDIUM DUTY	400/4	40	4.5	1200	1000	800	500	500	600
	500/4	55	4.6	1200	1050	900	500	500	650
	630/4	70	4.9	1400	1200	900	500	500	650
	800/4	90	5.6	1600	1400	1000	500	500	650
	1000/4	110	6.0	1600	1400	1200	500	650	800
	1250/4	140	6.2	1600	1600	1400	650	800	900
	1400/4	145	6.8	1600	1600	1600	650	800	900
	1250/5	140	7.1	1600	1600	1600	650	800	900
	1400/5	155	7.8	1600	1600	1600	650	800	900
HEAVY DUTY	315/3	31	3.7	1200	1000	800	500	500	500
	400/3	40	3.9	1200	1050	900	500	500	600
	500/3	50	4.3	1400	1200	1000	500	500	650
	630/3	63	4.6	1400	1200	1050	500	500	650
	630/4	70	5.7	1600	1400	1200	500	650	800
	800/4	90	6.2	1600	1600	1400	650	800	900
	1000/4	110	6.8	1600	1600	1500	650	800	900
	1250/4	140	7.2	1600	1600	1600	750	900	1000
	1250/5	140	8.0	1600	1600	1600	800	1000	1200
EXTRA HEAVY DUTY	1400/5	155	8.2	1600	1600	1600	800	1000	1200
	1600/5	180	9.0	1600	1600	1600	800	1000	1200
	1800/5	200	9.2	1600	1600	1600	800	1000	1200
	2000/5	220	9.4	1600	1600	1600	800		

Cover Grade Selection Chart

COVER TYPE	STANDARD & GRADE	MINIMUM TENSILE STRENGTH (MPa)	MINIMUM ELONGATION AT BREAK (%)	MAXIMUM ABRASION LOSS (MM ²)	APPLICATION CHARACTERISTICS
GENERAL PURPOSE BELT	SABS - N	20	400	150	Suitable for Conveying Moderately Abrasive Materials
	DIN - Y	20	400	150	
	AS - N	17	400	200	
	IS - N -17	17	400	200	
	BS- N -17	17	450	150	
	JIS - S	18	450	200	Tensile strength is Suitable for conveying Large Lumps, Ferro Sharp Edged Rugged Materials
	DIN - X	25	450	120	
	AS- M	24	450	125	
	IS- M24	24	450	150	
	BS - M24	24	450	150	
SABS- M	24	450	120		
DIN - W	18	400	90		
HEAT RESISTANT	DIN - T	13.0	350	150	Up to 125oC for Coarse material & 100oC for Fines
	IS- HR (T1)	13.0	350	150	
	DIN - T	12.5	350	150	Up to 150o C for Coarse material & 125oC for Fines
IS- SHR (T2)	12.5	350	150		
	UHR (T3) EPDM Rubber Covers	10.0	300	200	Up to 300oC for Coarse Material & 350oC for Fines
FIRE RESISTANT	AS - F	14	300	200	Excellent Resistant to Flame Propagation has Low Burning Rate
	CAN/CSA	17	350	200	
	IS - F.R.	17	350	200	
	MSHA - FR	17	350	200	
	SABS - F	17	350	180	Excellent Resistant to Flame Propagation has very low Burning Rate
	ISO - 340	17	350	180	
	DIN - S	17	350	180	
	DIN - K	17	350	180	
OIL RESISTANT	IS - OR	12.5	250	70	Materials with Crude Petroleum, Tar, Oil Sand, Fertilizers etc.
	AS - Z	12.5	250	70	
	DIN - G	12.5	250	70	
	M O R	12.5	250	80	Materials like Soyabean Draff and Poultry / Fish Feed

Steel Cord Belts Selection Chart

Belt Strength (ST-NO.)	Max Cord Diameter (mm)	Composition	Pitch (mm)	Standard Cover Thickness t1 t2 (mm)	Belt Weight (Kg/m ²)	Min. Pulley Diameter (mm)
St-630	3.0	K6X7+IWS	10	5X5	19.1	800
St-800	3.5	K6X7+IWS	10	5X5	20.2	800
St-1000	4.0	K6X7+IWS	12	6X6	24.0	800
St-1250	4.5	K6X7+IWS	12	6X6	25.4	800
St-1600	5.0	K6X19+IWS	12	6X6	27.2	1000
St-2000	6.0	K6X19+IWS	12	8X6	32.6	1000
St-2500	7.2	K6X19W+IWS	15	8X6	36.6	1250
St-3150	8.1	K6X19W+IWS	15	8X8	42.7	1400
St-3500	8.6	K6X19W+IWS	15	8X8	44.9	1500
St-4000	8.9	K6X19W+IWS	15	8X8	46.6	1600
St-4500	9.7	K6X19W+IWS	16	8X8	49.0	1800
St-5000	10.9	K6X19W+IWS	17	8.5X8.5	53.6	1800
St-5400	11.3	K6X19W+IWS	17	9X9	57.5	2000



Chevron Cleated belts –

We in consistence technically design, manufacture, export Chevron Grade Conveyor Belts. Our Manufactured Chevron Rubber Cleated Conveyor Belts are "Factory Integrally Moulded". This means that an Un-cured Cleat or Profile was cured itself in the Heavy Hydraulic Press with an Un-cured Virgin Green Belt Carcass, to form a One Piece "Integrally Molded Belt Construction". We design, manufacture and supply various Conveyor Belt Widths with 'V' & 'C' Cleat Profiles with Carcass Base in C/C, N/N & E/P Fabrics. Dimension of Rubber Cleats Heights available are 12 mm to 25 mm, with brand names: 'V- con/Bull flex' Premium Quality. Chevron Conveyor Belts can be offered in Grades of: 'M24, H R, S H R, U H R, F R & HYGIENIC {Food & Drugs Association} Approved Grades.

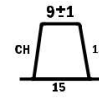
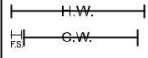
Characteristics:

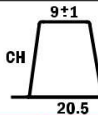
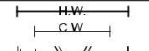
1. Low running maintenance cost.
2. Bulk Material Conveying Capacity even at 45 degrees Angle, Anti-Skid for Loose Conveyed materials, and it can avoid spilling of loose material effectively.
3. The belt can facilitate switching from horizontal to inclined conveying and from inclined to horizontal conveying.
4. It saves a lot space as it allows material conveying at 0 Degree - 90 Degrees.

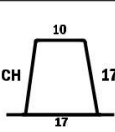
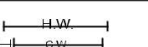


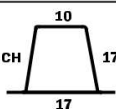
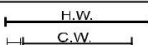
Chevron belts are multifunctional, wear resistance for steep angle conveying. The profiles are molded and vulcanized in one single process together with the belt which can be termed as integrally single step molded chevron belts. This can be successfully used on slope angles up to 45 degrees. Chevron belts are designed & developed for applications from packed products to bulk materials up to 100 mm lump sizes. Chevron belts are available in all rubber cover grades & tensile strength.

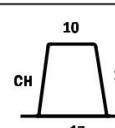
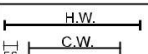


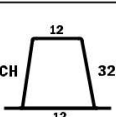
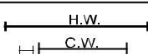
OPEN-V TWIN						
B.W.	C.W.	F.S.	C.P.	O.L.	C.H.	SPA
900	830	35	250	45	15	170
1000	830	85	250	45	15	170
1100	830	135	250	45	15	170
1200	830	185	250	45	15	170

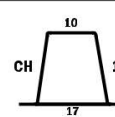
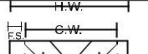
OPEN-V					
B.W.	C.W.	F.S.	C.P.	O.L.	C.H.
500	330	85	250	63	20.5
600	330	135	250	63	20.5
700	330	185	250	63	20.5
800	330	235	250	63	20.5

Y					
B.W.	C.W.	C.P.	S.S.	C.H.	
400	300	330	50	17	
500	300	330	75	17	

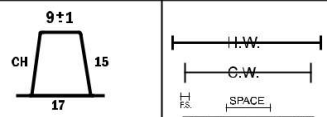
OPEN-Y ++					
B.W.	C.W.	C.P.	S.S.	C.H.	
650	630	330	10	17	
800	630	330	85	17	
1000	630	330	185	17	

MULTI-W					
B.W.	C.W.	C.P.	S.S.	C.H.	
1400	1270	330	25	17	

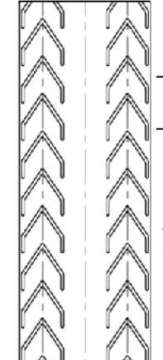
CLOSED-W					
B.W.	C.W.	C.P.	S.S.	C.H.	
800	600	300	100	32	
1000	600	300	200	32	

OPEN-Y+					
B.W.	C.W.	C.P.	S.S.	C.H.	
100	950	330	25	17	
120	950	330	125	17	

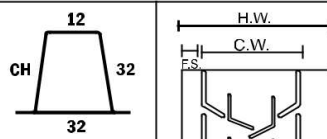
V- 240+



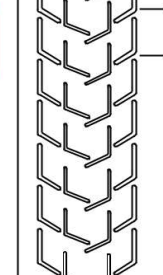
B.W.	C.W.	F.S.	C.P.	O.L.	C.H.	SPAC E
800	240	35	160	20	15	260
900	240	80	160	20	15	260
1000	240	130	160	20	15	260
1100	240	180	160	20	15	260
1200	240	230	160	20	15	260



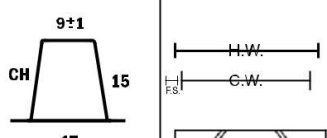
CLOSED- V++



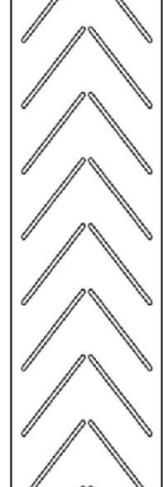
B.W.	C.W.	C.P.	P.A.	C.H.
600	580	330	10	32
650	580	330	35	32
800	580	330	110	32



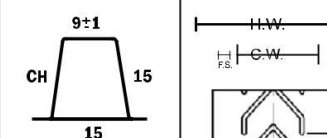
OPEN V++



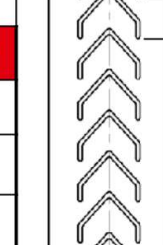
B.W.	C.W.	F.S.	C.P.	O.L.	C.H.
650	610	20	250	50	15
700	610	45	250	50	15
800	610	95	250	50	15
900	610	145	250	50	15
1000	610	195	250	50	15
1100	610	245	250	50	15
1200	610	295	250	50	15



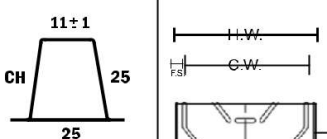
V- 240



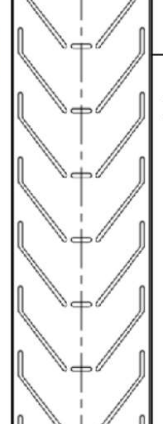
B.W.	C.W.	F.S.	C.P.	O.L.	C.H.
500	240	130	160	20	15
600	240	180	160	20	15
700	240	230	160	20	15



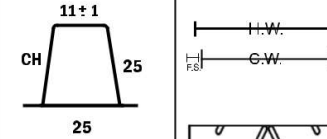
C-TYPE-25MM



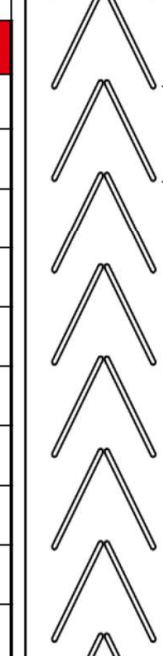
B.W.	C.W.	F.S.	C.P.	O.L.	C.H.
750	700	25	250	63	25
800	700	50	250	63	25
900	700	100	250	63	25
1000	700	150	250	63	25
1100	700	200	250	63	25
1200	700	250	250	63	25



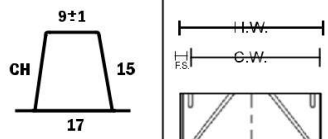
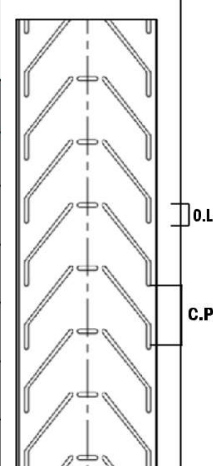
CLOSED-V



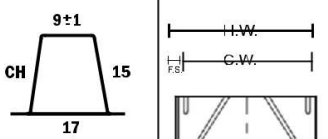
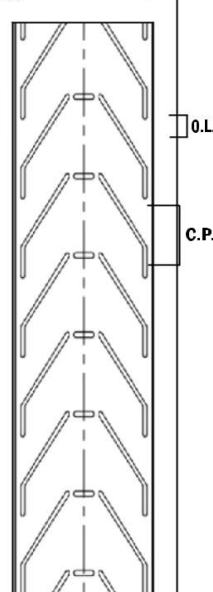
B.W.	C.W.	F.S.	C.P.	O.L.	C.H.
400	330	35	250	40	25
500	330	85	250	40	25
600	330	135	250	40	25
650	330	160	250	40	25
700	330	185	250	40	25
800	330	235	250	40	25
900	330	285	250	40	25
1000	330	335	250	40	25
1100	330	385	250	40	25
1200	330	435	250	40	25



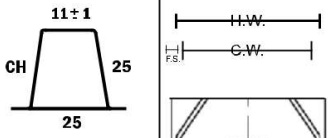
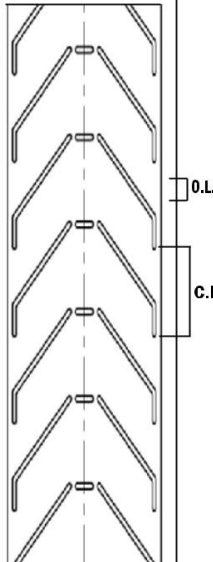
C-TYPE-15MM					
B.W.	C.W.	F.S.	C.P.	O.L.	C.H.
750	700	25	250	63	15
800	700	50	250	63	15
900	700	100	250	63	15
1000	700	150	250	63	15
1100	700	200	250	63	15
1200	700	250	250	63	15

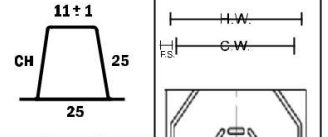
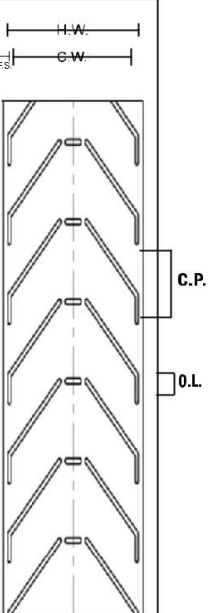
C-TYPE-15MM					
B.W.	C.W.	F.S.	C.P.	O.L.	C.H.
600	550	25	250	63	15
650	550	50	250	63	15
700	550	75	250	63	15
800	550	125	250	63	15
900	550	175	250	63	15
1000	550	225	250	63	15
1100	550	275	250	63	15
1200	550	325	250	63	15

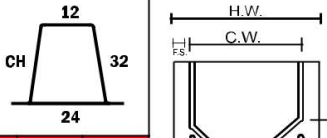
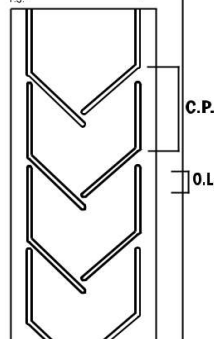
C-TYPE-25MM					
B.W.	C.W.	F.S.	C.P.	O.L.	C.H.
600	550	25	250	63	25
650	550	50	250	63	25
700	550	75	250	63	25
800	550	125	250	63	25
900	550	175	250	63	25
1000	550	225	250	63	25
1100	550	275	250	63	25
1200	550	325	250	63	25

C-TYPE-25MM					
B.W.	C.W.	F.S.	C.P.	O.L.	C.H.
600	500	50	250	63	25
650	500	75	250	63	25
700	500	100	250	63	25
800	500	150	250	63	25
900	500	200	250	63	25
1000	500	250	250	63	25
1100	500	300	250	63	25
1200	500	350	250	63	25

OPEN -V+				
B.W.	C.W.	C.P.	P.A.	C.H.
500	460	330	20	32
600	460	330	75	32
650	460	330	95	32

OPEN -Y¹				
B.W.	C.W.	C.P.	P.A.	C.H.
600	450	300	75	32
650	450	300	100	32

