



CONVEYOR BELTS



BELT SELECTION CHART

Belt Designation		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
HEAVY DUTY	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
	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		



CHEVRON BELT



Characteristics:

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



SOLID WOVEN CONVEYOR BELT

- **PVC/PVG:** Solid woven flame retardant belts are used in conveying coal. Without taking off for layers. Low elongation, Anti—shock and tearing, usually used in mining.
- **PVC Belt:** Used for conveying material up to 16 °inclination under dry conditions.
- **PVG Belt:** Rubber cover. Suitable for conveying water material up to 20 inclinations.



