



Soniya Enterprises

BEST QUALITY IS OUR AIM



“Quality is our pride”

We assure our customer that we don't just see
Conveyor belts but we believe in building trust & long lasting bonds.

Complete customer satisfaction is our motto & we
Achieve this by applying our business ethics to the very best.

Yes, we have conveyors belts for every need...

Belt Selection

Belt Type	Maximum Recommended Working Tension kN/m	Nominal Carcass Thickness (mm)	Carcass Weight (kg/m ²)	Pulley Diameters (mm)*			Min. Belt Width (mm)	Maximum Belt Width for Satisfactory Load Support. (mm)**			
				A (Head Pulley)	B (Tail Pulley)	C (Snub Pulley)		Material Weight in Tons/m ³			
								<0.75	0.75-1.5	1.5-2.5	2.5-3.2
315/3	31.5	3.0	3.72	400	315	250	400	1000	800	650	-
400/3	40	3.2	3.97	400	315	250	400	1200	1000	800	-
400/4	40	4.2	5.21	500	400	315	650	1400	1000	1000	-
500/3	50	3.6	4.46	500	400	315	500	1200	1000	800	-
500/4	50	4.4	5.46	500	400	315	650	1600	1600	1200	2000
500/5	50	5.3	6.57	630	500	400	650	1600	1600	1200	2000
630/3	63	4.0	4.96	500	400	315	500	1400	1400	1000	2000
630/4	63	4.9	6.08	630	500	400	650	1600	1400	1200	2000
630/5	63	5.6	6.94	630	500	400	800	2000	2000	1600	2000
800/3	80	4.5	5.85	500	400	315	800	1600	2000	1800	2000
800/4	80	5.5	6.82	630	500	400	1000	2000	2000	2000	2000
800/5	80	6.5	6.94	800	630	500	1000	2000	2000	2000	2000
1000/4	100	6.2	7.96	800	630	500	1000	2000	2000	2000	2000
1000/5	100	7.0	8.68	800	630	500	1000	2000	2000	2000	2000
1000/6	100	7.6	9.42	1000	800	630	1000	2000	2000	2000	2000
1250/4	125	7.2	8.93	800	630	500	1000	2000	2000	2000	2000
1250/5	125	7.9	9.83	1000	800	630	1000	2000	2000	2000	2000
1250/6	125	8.5	10.54	1000	800	630	1000	2000	2000	2000	2000
1400/4	140	8.6	10.66	1000	800	630	1200	2000	2000	2000	2000
1600/5	160	9.1	11.28	1000	800	630	1200	2000	2000	2000	2000
1600/6	160	9.6	11.90	1250	1000	800	1200	2000	2000	2000	2000
1800/5	180	10.9	13.52	1250	1000	800	1200	2000	2000	2000	2000
1800/6	180	12.1	15.00	1400	1250	800	1200	2000	2000	2000	2000
2000/5	200	11.0	13.64	1250	1000	800	1200	2000	2000	2000	2000
2000/6	200	12.1	15.00	1400	1250	800	1200	2000	2000	2000	2000

The above chart pertains to Belts with Polyester / Nylon (EP) carcass. Details pertaining to Belts with Nylon / Nylon carcass can be provided on request.

- To determine total belt thickness, add the sum of the cover thickness to the carcass thickness.
- * Pulley diameters apply to belts operating at 60% to 100% of their recommended max. belt tension.
- For lower tensions, smaller diameter pulleys may be used.

- ** The load support of a belt is determined by belt width, tensile strength and bulk material density. The figures given in the table relate to 3 roll 30 degree carrying idlers.
- When extremely thick covers are selected, the advice of our Technical Service Department should be sought.

Grade of Belts



1. N 17: Specially Compounded rubber cover grade recommended for handling moderately abrasive material. Conforms to the maximum abrasion loss value specified for Grade N in DIN 22102. Belt made with this cover grade conform to IS 1891 Pt I.



2. M 24: Specially Compounded rubber cover recommended for Superior resistance to cutting & gouging. Conforms to maximum abrasion loss value specified for grade M in DIN 22102. Belts made with this cover grade conform to IS 1891 Pt I.



3. SHR: Specially Compounded rubber cover grade to provide adequate heat resistance for handling material temperatures over 65°C & upto 150°C for coarse & 125°C for fine materials. The belts made with this cover grade conform to IS 1891 Pt II for HR Type T-2 Grade.



4. HR: Specially Compounded rubber cover grade recommended for handling materials like alumina, ash, chemicals etc. having material temperature over 65°C and upto 125°C for coarse and 110°C for fine materials. The Belts made with this cover grade conform to IS 1891 Pt II for HR Type T-1 Grade.



5. UHR 200: Specially Compounded rubber cover grade provides excellent heat resistance & moderate abrasion wear resistance characteristic. It is recommended for material temperature upto 200°C for coarse & 180°C for fine materials.



6. OR: Specially Compounded rubber cover grade with blended synthetic rubber compounds recommended for giving resistance to mineral, vegetable & animal oils. Belts made with this cover grade conform to IS 1891 Pt III.



7. CMR: Specially Compounded rubber cover grade recommended for handling chemically active material with or without oil coating, like ANT, Suphla, Potash etc.



8. FR: Specially Compounded rubber cover grade to meet the growing demand for fire resistant conveyor belting conforms to Canadian Bureau of Mines specifications CAN/CSA M-422/M/87 IS 1891 Pt V ISO 340.

Our Mission & Vision



We at Soniya Enterprises realize that conveyor belts are not just rubber belts running in your factory, they are the lifelines of your manufacturing process. The realization inspires our R&D in its relentless to innovate and improve. We offer not just conveyor belts; we provide solutions to your proselytizes a one-time purchaser into a client for a lifetime. For we Soniya Enterprises believe not in making sales, we believe in building lifelong partnerships. We maintain following standards.

- **Quality Standards**
- **Prompt Delivery**
- **Ready Stock Availability**
- **Dedication to the goal of customer satisfaction.**
- **Practice of keeping commitment**

We offer what nobody else does for we believe in constant innovation to help you convey better. We are authorized distributor of conveyor belt and its accessories, We provide a comprehensive range of belts in all grades and specifications for your special needs ranging from patterned (Rough Top/ Wavy Top) belts, cleated /Profile/Chevron belts, telescopic/joint less belts, Hot stock Belt, Side wall belts, PVC solid woven Belts, Steel Cord Belts, special elevator belts with minimum elongation.

Our Stock never ends so that you may never have to stop. With ready stock availability of conveyor belts with width upto 2400 MM in all grades and specifications there are no full stops to our stock so that there may be no commas to your production.

Special Purpose Belts



Jointless



Chevron Belts



Fish Top



Side Wall



Rough Top



Chevron Belts

Graphite Packing Rope/Inconel Wire

We take this opportunity to introduce ourselves as one of the leading solution providers in the field of Material Handling & Power Transmission products with dedicated technical team to cater requirements



Idlers Rollers

Stable running, good quality, free maintenance. 2Small vibrating and long lifespan. 3The flexibility of sealing methods. 4Several labyrinth seal achieve dustproof and waterproof.



Vulcanising Solution

For splicing/repairing conveyor belts or bonding rubber lining materials, high quality cold vulcanizing cements. For bonding rubber and plastics to almost any substrate



Chevron Belts

We offer to our client's chevron belts that have special application in handling loose bulk materials. Chevron belting is used to convey material at angles that are so steep that load slip or roll back might occur.



Conveyor Accessories

We manufacture all types of conveyor accessories that conform to Standard 6IS8598. The experience gained over the years has enabled us to offer most reliable and cost effective accessories and their capacities.



Asbestos Packing

Most important advantage of CHEVRON BELTING is due to high angles of inclination is that less space is needed to archive the required conveyor height and also reduces the cost of the system. Standard width of chevron



Idlers

Power Tech Equipments impact idlers cushion material impacts associated with loading areas, thereby extending belt life. Idlers include a heavy reinforced frame and rubber disc rolls to maximize impact absorption. Idlers are a proven design to reduce your overall costs in loading areas. Absorbs impact at loading and delivery points to protect belt from damage. The rubber discs are hammerhead shaped, the rings absorb the shock of the falling material thus increasing the belt life. Rubber discs can be replaced as required. (Available in all sizes / diameters)



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