Innovations in Rubber
Technology

CONVEYOR BELTS

A Trusted Partner for Belts

Sharda Worldwide
Exports Pvt. Ltd.

A lofty claim, we agree, but we have the enterprising spirit to do so...

Sharda Worldwide Exports Pvt. Ltd., an ISO 9001 Certified multinational, with offices in China, Dubai, Europe and South America, is growing steadily meeting customer expectations and requirements worldwide.

Under the guidance and vision of our Managing Director – Mr. R. V. BUBNA, Sharda Worldwide Exports Pvt. Ltd. is now a professionally managed company achieving newer and higher targets, backed by excellent technical guidance and knowledge.

At Sharda the entire philosophy is customer driven and customer feedback accelerates the learning and betterment of our products and services. To match the best in the world, and still be economical, is what always makes SHARDA WORLDWIDE, a BETTER OPTION amongst a myriad of other companies.

At Sharda we are always at your service through our dedicated and interconnected team of representatives and distributors, spread across all regions around the world. Our logistics department is fully geared for LCL / FCL shipments to the remotest part of the world in the shortest possible time.

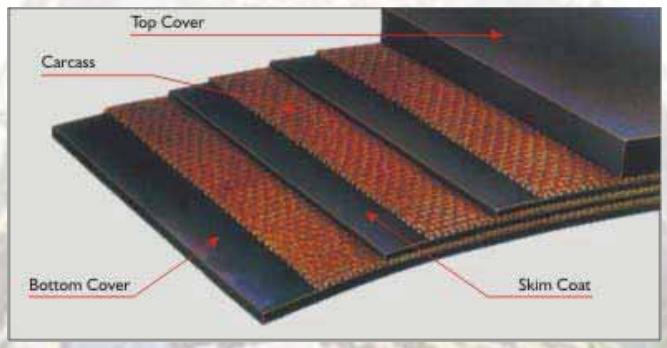
Our complete range of Rubber conveyor belts is aimed to meet & consolidate all your belting requirements from one source, and the ability making life a lot easier.

"IF THE CUSTOMER WINS, WE WIN" has been the philosophy and mission at Sharda Worldwide.

Why Sharda Worldwide ?

- Excellent quality.
- Competitive pricing.
- Reliable Technical support.
- Consolidated LCL / FCL shipments.
- Complete range of belts available.
- Prompt replies and feedback.

Ply Conveyor Belt Construction :



TEXTILE PLY CONVEYOR BELTS

Sharda Worldwide

EP / PN & NN belts Characteristics & Features

Nylon / Nylon Conveyor Belts (NN Carcass) : Nylon Warp / Nylon Weft

Charateristics :

- *Excellent Elasticity*
- *High Impact Resistance*
- *Good Flexibility & trougability*
- *High tensile strength with low weight*
- *Good for transportation for middle and long distance*
- *Stong adhesion to rubber*

Polyester / Nylon Conveyor Belts (EP / PN Carcass) : Polyester Warp / Nylon Weft

Charateristics :

- *Low elongation in application*
- *High load and speed of transportation*
- *All advantages of NN belts*
- *Advanced resistance to mildew,moisture & rotting*

Features of Sharda Conveyor Belts :

- *Plys : 1 – 12*
- *Top cover thickness : 25.4 mm (1") max*
- *Edge : Cut edge or moulded edge*
- *Max width : 4200 mm*
- *Total thickness : 50 mm (2") max.*
- *Bottom cover thickness : 0 – 25.4 (1") mm*
- *Max. fabric strength : EP / NN 500*
- *Belt with cross breakers available*

Cover Specifications :

Characteristics	Min. Tensile Strength		Min. Elongation	Max. Abrasion Loss
	kg/cm^2	lbs/in^2	%	mm^3
General Light Duty Service	> 150	> 2130	> 400	< 250
Medium Abrasion Resistance	> 190	> 2700	> 450	< 200
High Abrasion Resistance	> 240	> 3410	> 500	< 120
Super Abrasion Resistance	> 180	> 2560	> 400	< 90
Oil Resistance	> 140	> 1850	> 400	< 250
Moderate Oil Resistance	> 155	> 2135	> 450	< 200
Heat Resistance HRT1	> 180	> 2560	> 600	< 250
Heat Resistance HRT2	> 150	> 2130	> 500	< 300
Heat Resistance HRT3	> 170	> 2410	> 450	< 300
Flame Resistance FR / FRAS	> 140	> 1850	> 550	< 300

Standards Complied :

Our technicians / equipment are trained to manufacture belts as per : DIN 22102 (German), AS 1333 (Australian), SANS 1173 (South African), RMA (US, South America), BS 490 (British), JS (Japanese)

TEXTILE PLY CONVEYOR BELTS

Sharda Worldwide

Cover Rubber Selection Guide

COVER SELECTION :

General Light Duty Service

Common References : DIN – Z, RMA 2 :

Very economical for moderately abrasive / small size material.

Medium Abrasion Resistance

Common Reference : DIN - Y, N, RMA 1, BS - N 17, AS – N, JIS – G :

Recommended for moderate abrasion resistance applications, mostly above ground. Regularly used for transportation of Coal, crushed ores, limestone, bauxite, sand, cements etc…

High Abrasion Resistance

Common Reference : DIN - X, M, BS – M24, AS – M, JIS – S :

Excellent abrasion resistance against cutting, gouging, heavy impact, during transportation of heavy rocks, sharp stones and highly abrasive materials.

Super Abrasion Resistance

Common Reference : DIN - W :

Recommended in extremely abrasive applications such as Copper & gold ore, sinter, coke. It provides high resistance without increasing cover thickness and weight of the belt.

Oil Resistant (OR) & Moderately Oil Resistant (MOR) :

Specifically used for transportation of specific materials with high / moderate concentration of animal or vegetable fats. The special compound used in the covers, avoids damage / swelling of belt also during transportation of material with pine oil, wood oil, olive oil, petroleum etc….

HEAT RESISTANCE BELTS

HR – T1 :

Special rubber compound, containing high quality SBR, helps in transportation of material such as coke, clinkers, hot lime stone, in the medium temperature range, upto 120° C.

HR – T2 :

EPDM rubber compound can withstand temperature upto 150°C for transportation of material such as cement, sintered coke, soda ash.

HR – T3 :

Special rubber compound of operation in very high temperature range upto 200°C .

Flame / Fire Resistance Belts (FR/FRAS) :

Ideal for applications in Thermal plants, underground mines etc. To avoid risks against fire hazard possibilities, because the belts have a self extinguishing cover.

Also available :

Chemical - acid / alkali resistant conveyor belts, cold resistant conveyor belts.

Technical Information

Strength Classes and No. of Plies

Strength Class (KN/m)	2-PLY	3-PLY	4-PLY	5-PLY	6-PLY
160	160/2				
200	200/2				
250	250/2	250/3			
315	315/2	315/3			
400	400/2	400/3	400/4		
500		500/3	500/4	500/5	
630		630/3	630/4	630/5	630/6
800		800/3	800/4	800/5	800/6
1000		1000/3	1000/4	1000/5	1000/6
1250		1250/3	1250/4	1250/5	1250/6
1500			1500/4	1500/5	1500/6
1600			1600/4	1600/5	1600/6
1800				1800/5	1800/6
2000				2000/5	2000/6
2500					2500/6
3000					3000/6

Minimum recommended Pulley Diameters :

Pulley Dia. in mm

		Ply Number								
Belt Type	Fabric Code	2	3	4	5	6	7	8	9	10
Nylon Conveyor Belt	NN100	200	250	315	400	500	630	800	1000	1250
	NN125	200	250	315	400	500	630	800	1000	1250
	NN150	200	250	315	400	500	630	800	1000	1250
	NN200	250	315	400	500	630	800	1000	1250	1400
	NN250	315	400	500	630	800	1000	1250	1250	1400
	NN300	400	500	630	800	1000	1250	1400	1400	1600
	NN400	500	630	800	1000	1250	1400	1600	1600	1800
	NN500	630	800	1000	1250	1400	1600	1800		
	NN600	800	1000	1250	1400	1600	1800	2000		
EP Conveyor Belt	EP100	200	250	315	400	500	630	800		
	EP125	200	250	315	400	500	630	800		
	EP160	250	400	500	630	800	1000	1250		
	EP200	315	500	630	800	1000	1250	1400		
	EP250	400	630	800	1000	1250	1400	1600		
	EP300	500	630	800	1000	1250	1400	1600		
	EP400	630	800	1000	1250	1400	1600	1800		
	EP500	800	1000	1250	1400	1600				
	EP600	1000	1250	1400	1600	1800				

ROUGH TOP CONVEYOR BELTS

Sharda Worldwide

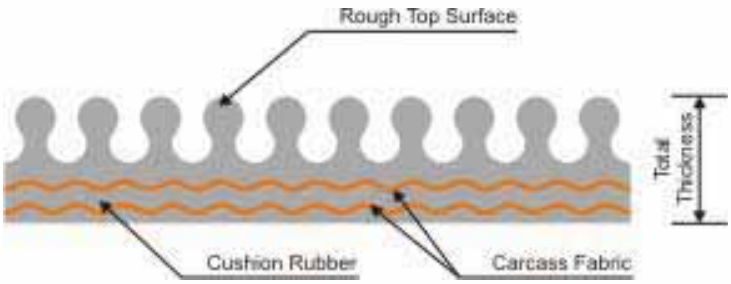
Used in transportation of light weight goods, also on inclined surfaces.
The special surface absorbs vibrations and impacts and also prevents material from slipping back.

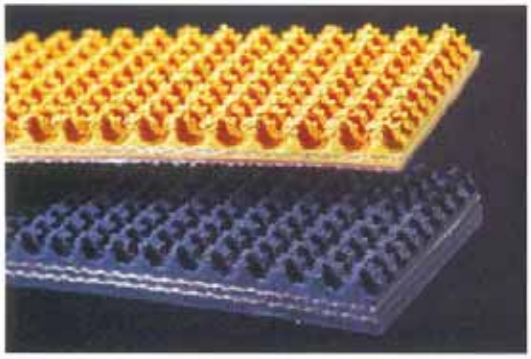
Special features are as under :

1) *Provides excellent grip between belt top and packages, such as cartons, jute packages.*
2) *Black cover for utility applications*
3) *Tan cover for non marking applications such as packaged food.*
4) *Available with bare back – bottom cover, to give excellent grip to the conveyor belt.*

Rough Top Belts for Inclined Surface Transportation - Black & Tan

Belt specifications :





Standard specifications :

Our Ref.	No.of Plies	Top Cover	Bottom Length	Standard	Color	Standard Width
RT1	2	1/8" (3.2 mm)	Bareback	200 M Per Roll	Black or Tan	1350 mm ~ 1500 mm cut edge
RT2	2	1/8" (3.2 mm)	1/16" (1.6 mm)			
RT3	3	1/8" (3.2 mm)	Bareback			
RT4	3	1/8" (3.2 mm)	1/16" (1.6 mm)			

Max. material temperature 80°C recommended.

COTTON PLY TRANSMISSION BELTS

Sharda Worldwide

Constructional Features of Sharda Rubber Transmission Belts :

Width	:	*25mm to 1500 mm*
Length	:	*100 mtr. Roll length*
Fabrics	:	*Hard cotton ducks/soft cotton ducks/synthetic fabrics*
Plies	:	*2 plies to 10 plies*
Type of edges	:	*Cut edges and round/ folded edges*
Colours	:	*Beige, Grey, Camel, Yellow, Black and other colours as per customer requirement*

Special features :

1. *Uniformity in Thickness & Width*
2. *Higher longitudinal & transverse strengths*
3. *Higher levels of adhesion*
4. *Controlled elongation*
5. *Lighter in weight thus consuming less power*
6. *Improved resistance to flex fatigue test.*
7. *Available in variety of colours*

Cotton Transmission belts - 28 oz., 30 oz., 32 oz. ...

Minimum Pulley Diameters (mm) for given belt speeds and belt plies :

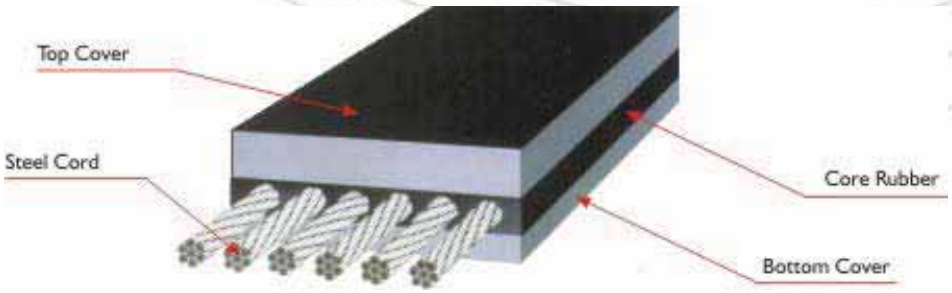
No. of plies	Maximum belt speed				
	10 (mtr/sec)	15 (mtr/sec)	20 (mtr/sec)	25 (mtr/sec)	30 (mtr/sec)
3	90	100	112	140	180
4	140	160	180	200	250
5	200	224	250	315	355
6	250	315	355	400	450
7	355	400	450	500	560
8	450	500	560	630	710
9	560	630	710	800	900
10	630	710	800	900	1000

STEEL CORD CONVEYOR BELTS

Sharda Worldwide

Main Applications : *Coal Industry, Metallurgical Industry, Power Plants, Chemical Industry*

Basic Structure :



Standards Used : *AS 1333, DIN 22131*

Cover Grades : *refer to page (2)*

ST Series :

- *Belt reinforced with galvanized steel cord and core rubber with superior adhesive property.*
- *Steel cord made of left and right twisting wire arranged evenly and longitudally in the belt.*
- *Large tensile strength, excellent troughability and excellent flexing resistance.*

The Main Technical Data for ST Series of Steel Cord Conveyor Belt

Belt Strength / Technical Required Items	ST 630	ST 800	ST 1000	ST 1250	ST 1600	ST 2000	ST 2500	ST 3150	ST 3500	ST 4000 * *	ST 4500	ST 5000	ST 5400	ST 6300
Longitudinal tensile strength N/mm	630	800	1000	1250	1600	2000	2500	3150	3500	4000	4500	5000	5400	6300
Max Dia. of Cord mm	3.0	3.5	4.0	4.5	5.0	6.0	7.5	8.1	8.6	8.9/9.1	9.7	10.9	11.3	12.3
Pitch of Cord mm	10	10	12	12	12	12	15	15	15	15/17	16	17	17	18
Top Cover Thickness mm	5	5	6	6	6	8	8	8	8	8/8	8	8.5	9	10
Bottom Cover Thickness mm	5	5	6	6	6	6	6	8	8	8/8	8	8.5	9	10
* Reference Belt Mass kg/m^2	18	19.5	21.5	22.2	26.1	33.1	35.3	41.1	45	45/45	51	59	62	65
Width mm	Ends Of Steel Cord													
800	75	75	63	63	63	63	50	50						
1000	95	95	79	79	79	79	64	64	64	64/56	59	55	55	54
1200	113	113	94	94	94	94	76	76	77	77 /68	71	66	66	63
1400	133	133	111	111	111	111	89	89	90	90/79	84	78	78	74
1600	151	151	126	126	126	126	101	101	104	104/91	96	90	90	85
1800		171	143	143	143	143	114	114	117	117/103	109	102	102	96
2000			159	159	159	159	128	128	130	130/114	121	113	113	107
2200						176	141	141	144	144/125	134	125	125	118
2400						193	155	155	157	157/137	146	137	137	129
2600						209	168	168	170	170/148	159	149	149	140
2800									184	184/160	171	161	161	151

Note: Belt length per roll is 100 m-350 m. Consideration of the limit of thickness, width, transportation and installation of the belt, concrete length per roll should be determined by both parties.

* The belt mass is changed based on the cover thickness and density. * * Two pitch of steel cord can be selected for the belt of ST 4000

Packing : In steel reels & transportation in open top containers provided.

GX Series :

- *Cord has enough room to allow penetration of core rubber*
- *Better bonding between rubber and steel cord, giving better anticorrosive resistance, dynamic fatigue resistance of steel cord, leading to longer service life.*

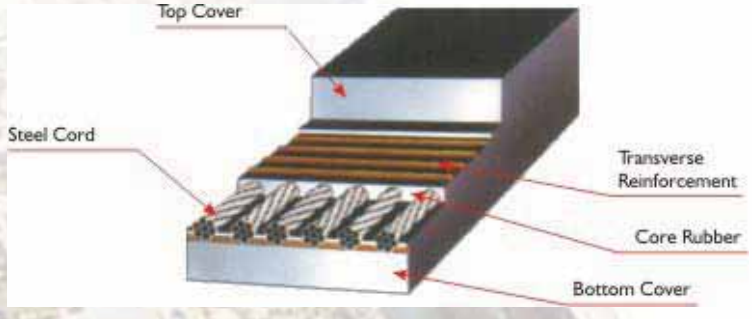
The Main Technical Data for GX Series of Steel Cord Conveyor Belt

Belt Strength / Thickness of Belt / Technical Required Items	GX 630	GX 800	GX 1000	GX 1250	GX 1600	GX 2000	GX 2500	GX 3000	GX 3500	GX 4000	GX 4500	GX 5000	GX 5500	GX 6000
	6+7+6	6+7+6	6+7+6	6+7+6	7+9+7	7+9+7	8+11+8	8+12+8	8+12+8	8+13+8	8+14+8	8+14+8	8+16+8	8+16+8
Longitudinal tensile strength N/mm	630	800	1000	1250	1600	2000	2500	3000	3500	4000	4500	5000	5500	6000
Max. Dia. of Cord mm	4.5	4.5	4.5	4.5	6.0	6.0	7.2	8.3	8.7	9.1	9.7	10.9	11.3	12.3
Pitch of Cord mm	20	17	13.5	11	20	16	17	18	18	17	16	17	17	18
Belt Thickness mm	19	19	19	19	23	23	27	28	28	29	30	30	32	32
* Reference Belt Mass kg/m^2	23.9	21.3	25	25.7	32.2	33.7	40.2	41.9	43.6	46.6	49.8	51.8	55.9	57.9
Width mm	Ends Of Steel Cord													
800	38	45	56	69	38	47	44	43						
1000	48	56	70	87	48	60	56	53	53	56	60	56	56	54
1200		68	86	104	58	72	68	64	64	68	72	68	68	63
1400			100	122	66	84	78	74	74	79	84	79	79	74
1600			116	140	76	95	90	86	85	90	96	91	91	85
1800			127	157	86	108	102	96	96	101	107	103	103	96
2000			142	173	96	120	113	107	107	113	120	114	114	107
2200						132	125	118	118	125	133	125	125	118
2400						146	177	129	129	137	146	137	137	129
2600						158	148	140	140	148	158	148	148	140
2800						170	160	151	151	160	170	160	160	151

Note: * Means the belt mass whose width and length is 1 meter for each.

Also Available :

1) BELT with transverse reinforcement : Ideal for excellent tear resistance :



2) Tear resistant belts with embedded sensors.

CHEVRON CONVEYOR BELTS

Sharda Worldwide

These belts are used, when material has to be conveyed at steep angles without allowing slip back of the load.

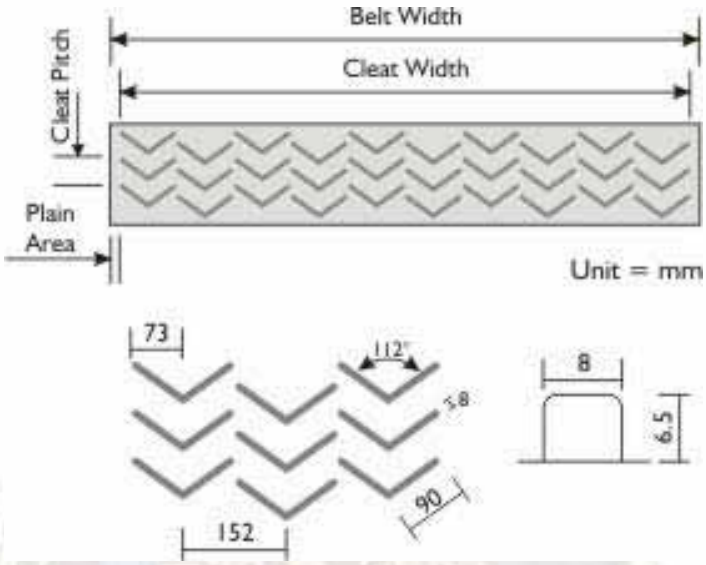
Special features of SHARDA chevron belts are :

- *Integrally moulded chevron cleats.*
- *Vast range of chevron designs possible.*
- *Variable cleat heights available, allowing you to match the belt as per your equipment specification.*

Details of available designs :

6" Multi V. Conveyor Belt :

Overlapping 6" moulded cleats, are ideal for aggressive transfer of free flowing material such as fertilizers, grains, sand, wood bark & chip :



B.W.	C.W.	C.P.	P.A.	C.H.
48"	47.5"	0.25"	0.25"	0.25"

Complete Chevron Range for all Applications

CHEVRON CONVEYOR BELTS

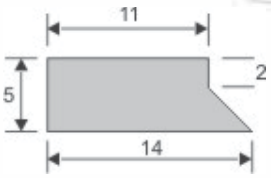
Sharda Worldwide

Low Chevron Profile :

The low chevron profile SHARDA belts are designed to carry loose or bagged material at angles upto 18 – 25 deg.

Closed V Design Range :

a.) Type C5

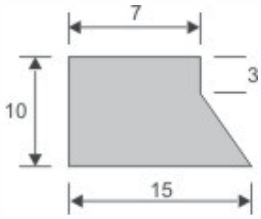


Angle α = 120°

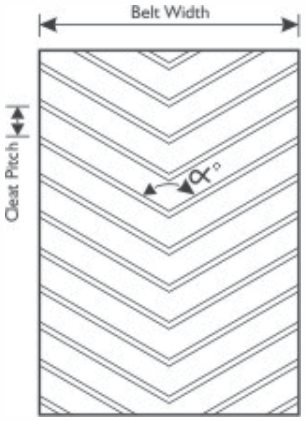
Unit = mm

Belt Width	Cleat Width	Cleat Pitch	Plain Area	Cleat Height
300~1200	full width or appointed width	100	0~200	5

b.) Type C10



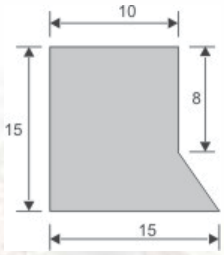
Angle α = 120°



Unit = mm

Belt Width	Cleat Width	Cleat Pitch	Plain Area	Cleat Height
500~1200	full width or appointed width	150	0~200	10

c.) Type C15



Angle α = 90°

Unit = mm

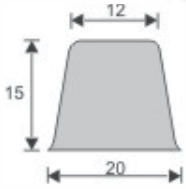
Belt Width	Cleat Width	Cleat Pitch	Plain Area	Cleat Height
500~1200	full width or appointed width	200	0~200	15

Cotton Transmission belts - 28 oz., 30 oz., 32 oz. ...

OPEN V DESIGN RANGE :

The open V profile SHARDA belts design allows water to escape.

a.) Type C15P380

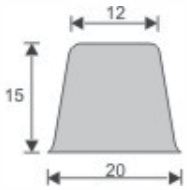


Angle α = 60°

Unit = mm

B.W.	C.W.	C.P.	P.A.	C.H.
450	380	250	35	15
500	380	250	60	15
600	380	250	110	15
650	380	250	135	15
800	380	250	210	15

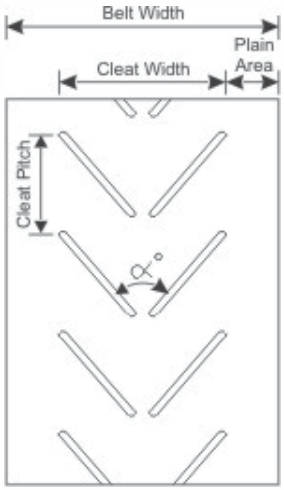
b.) Type C15P600



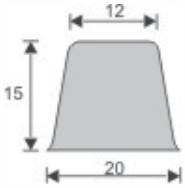
Angle α = 90°

Unit = mm

B.W.	C.W.	C.P.	P.A.	C.H.
750	600	250	75	15
800	600	250	100	15
900	600	250	150	15



c.) Type C15P740



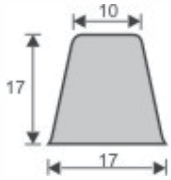
Angle α = 110°

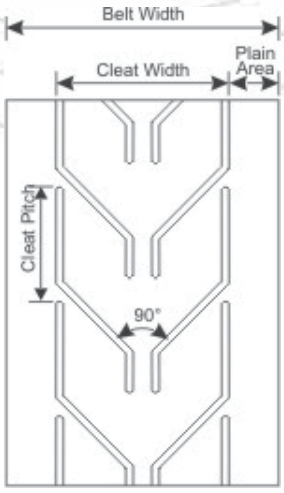
Unit = mm

B.W.	C.W.	C.P.	P.A.	C.H.
900	740	250	80	15
1000	740	250	130	15
1050	740	250	155	15
1200	740	250	230	15

LONG HORN CHEVRON BELT:

Type C17L300



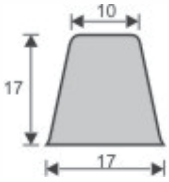


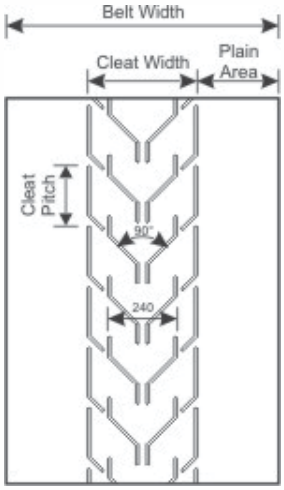
Unit = mm

B.W.	C.W.	C.P.	P.A.	C.H.
350	300	330	25	17
400	300	330	50	17
450	300	330	75	17
500	300	330	100	17

DEER HORN DESIGN RANGE :

a.) Type C17L440

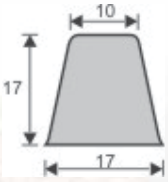


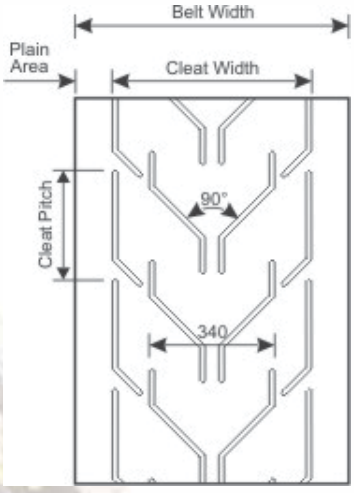


Unit = mm

B.W.	C.W.	C.P.	P.A.	C.H.
500	440	330	30	17
600	440	330	80	17
650	440	330	105	17

b.) Type C17L550

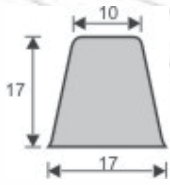


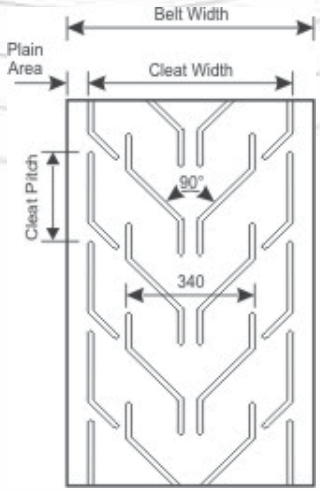


Unit = mm

B.W.	C.W.	C.P.	P.A.	C.H.
600	550	330	25	17
650	550	330	50	17
700	550	330	75	17

c.) Type C17L630

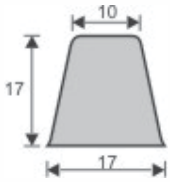


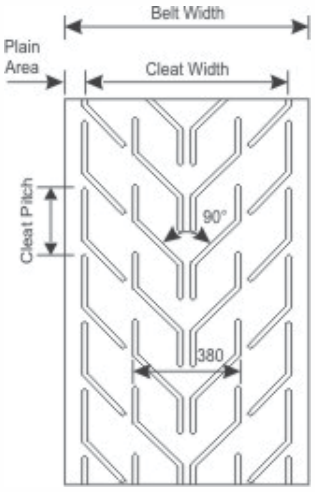


Unit = mm

B.W.	C.W.	C.P.	P.A.	C.H.
650	630	330	10	17
750	630	330	60	17
800	630	330	85	17
900	630	330	135	17

d.) Type C17L950



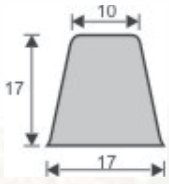


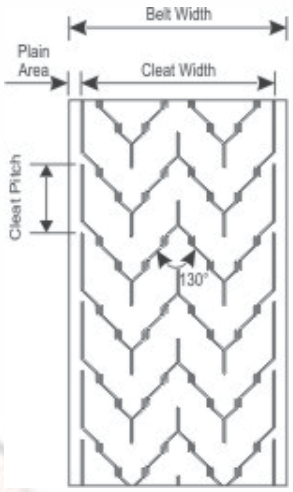
Unit = mm

B.W.	C.W.	C.P.	P.A.	C.H.
1000	950	330	25	17
1050	950	330	50	17
1200	950	330	125	17

W SHAPED DESIGN RANGE :

a.) Type C17L1270





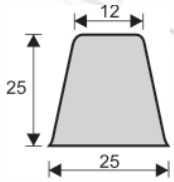
Unit = mm

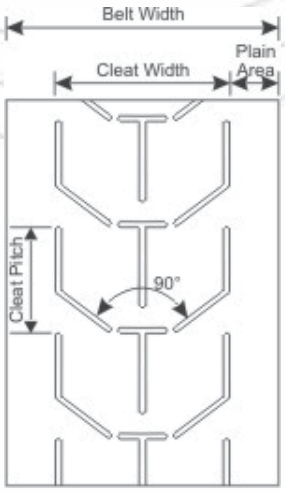
B.W.	C.W.	C.P.	P.A.	C.H.
1400	1270	330	65	17

Middle Chevron Profile :

BULL HORN DESIGN RANGE :

a.) Type C25P450

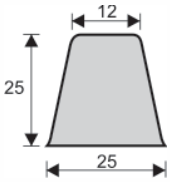


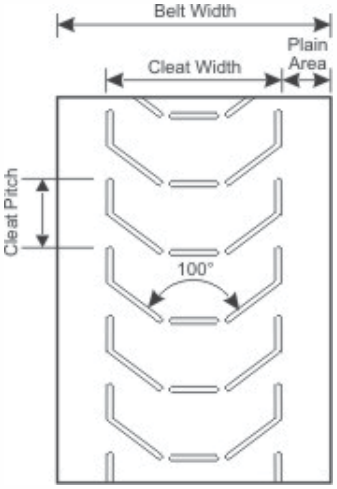


Unit = mm

B.W.	C.W.	C.P.	P.A.	C.H.
500	450	250	25	25
600	450	250	75	25
650	450	250	100	25
700	450	250	125	25

b.) Type C25P550

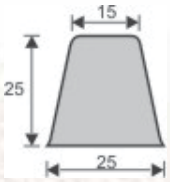


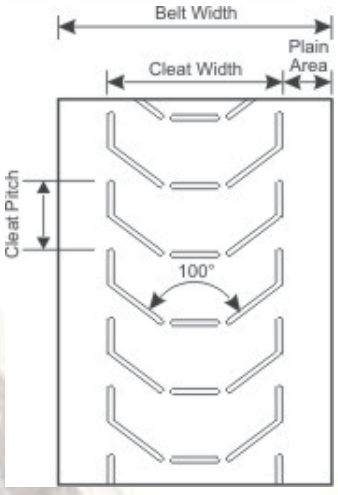


Unit = mm

B.W.	C.W.	C.P.	P.A.	C.H.
600	550	250	25	25
650	550	250	50	25
750	550	250	100	25
800	550	250	125	25

c.) Type C25P750



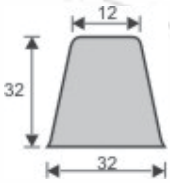


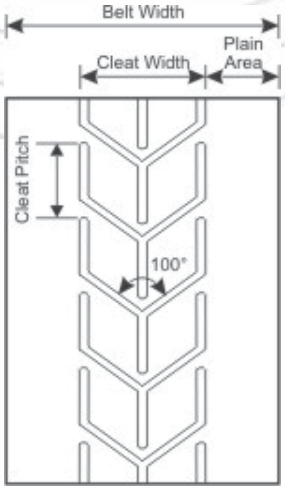
Unit = mm

B.W.	C.W.	C.P.	P.A.	C.H.
900	750	330	75	25
1000	750	330	125	25
1050	750	330	150	25
1200	750	330	225	25

CLOSED Y DESIGN RANGE :

Type Y32P600





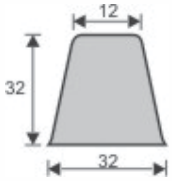
Unit = mm

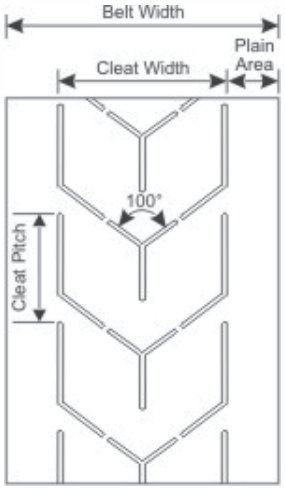
B.W.	C.W.	C.P.	P.A.	C.H.
650	600	300	25	32
800	600	300	100	32
900	600	300	150	32
1000	600	300	200	32

High Chevron Profile :

OPEN CHEVRON BELT :

Type Y32P800



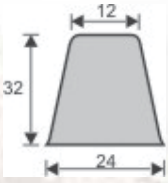


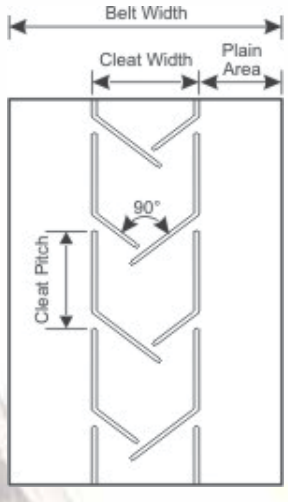
Unit = mm

B.W.	C.W.	C.P.	P.A.	C.H.
900	800	333	50	32
1000	800	333	100	32
1050	800	333	125	32
1200	800	333	200	32

H TYPE DESIGN RANGE :

a.) Type C32H460

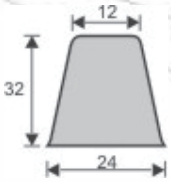


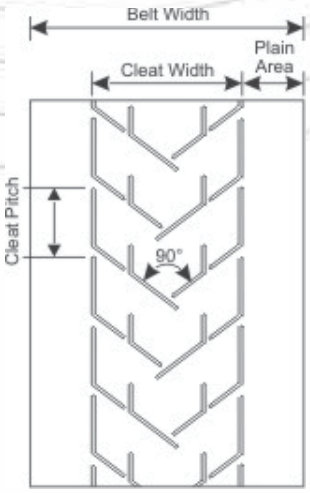


Unit = mm

B.W.	C.W.	C.P.	P.A.	C.H.
500	460	330	20	32
600	460	330	70	32
650	460	330	95	32

b.) Type C32H580

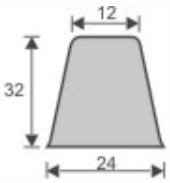


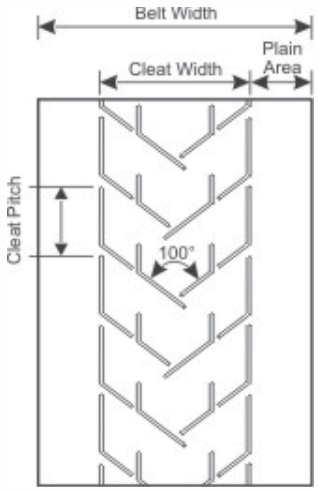


Unit = mm

B.W.	C.W.	C.P.	P.A.	C.H.
600	580	333	10	32
650	580	333	35	32
750	580	333	85	32
800	580	333	110	32

c.) Type C32H630

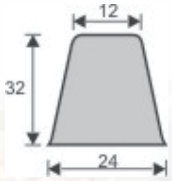


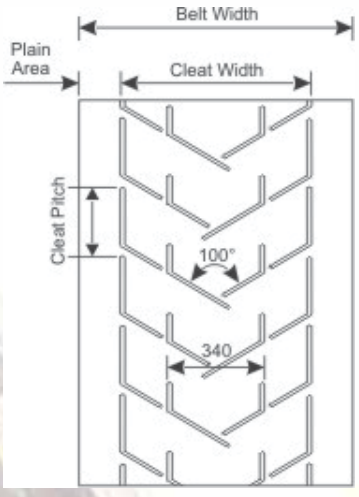


Unit = mm

B.W.	C.W.	C.P.	P.A.	C.H.
650	630	330	10	32
750	630	330	60	32
800	630	330	85	32
900	630	330	135	32

d.) Type C32H750





Unit = mm

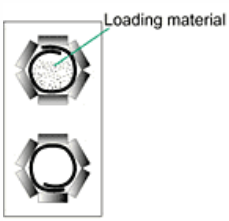
B.W.	C.W.	C.P.	P.A.	C.H.
900	750	330	75	32
1000	750	330	125	32
1050	750	330	150	32
1200	750	330	225	32

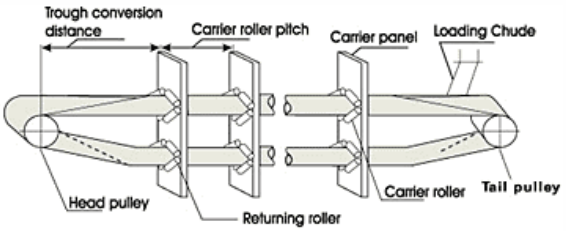
PIPE CONVEYOR BELTS

Sharda Worldwide

Advantages :

1. *Avoids pollution by preventing falling or spillage of Carried products.*
2. *Avoids damage to belt inner surface, as fallen objects do not attach to belt surface.*
3. *Prevents other substances from entering, assuring purity of products.*
4. *Reduces abrasion between the products and inner belt surface which increases when conveyor belts are in pipes, enabling greater transportation degree than other commonly used belts.*
5. *Traditional conveyor belts only allows conveying at a straight line which needs extra space for curves. Tube form conveyor belts offers simplified transport system which help saves space and cost.*





Top View

Pipe dia. (mm)	Load area (m^2)(75%)	Belt speed (m/min)	Conveying Capacity(m^3/hr)	Max.lump size (mm)	Horizontal Min. length(M)	Equivalent Traditional Conveyor Belt
100	0.006	100	36	30	15	300
150	0.013	120	95	30-50	18	300-450
200	0.024	130	185	50-70	20	500-600
250	0.037	140	310	70-90	23	600-750
300	0.052	150	475	90-100	25	750-900
350	0.072	175	750	100-120	30	900-1050
400	0.095	200	1140	120-150	35	1050-1200
500	0.150	225	2000	150-200	40	1200-1500
600	0.215	250	3200	200-250	50	1500-1800
700	0.285	275	4700	250-300	60	1800-2000
850	0.425	300	7650	300-400	70	2000-2400

PVC / PVG SOLID WOVEN CONVEYOR BELTS

Sharda Worldwide

Construction :

a) Solid woven fabric dipped in PVC paste. b) PVC / PVG covers combined by vulcanisation.

Advantages :

a) Excellent flame & antistatic properties. b) Excellent impact & rip resistance.
c) Ideal for applications in coal mines, power stations & metallurgy industries.

Standards Complied :

DIN 22109, AS 4606, SABS 971.

Technical details :

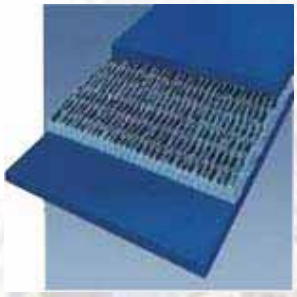
Item	Tensile strength (min) (N/mm)		Carcass thickness (mm)	Carcass weight (Kg/m^2)	Minimum tear force (N)	Elongation at break (min)(%)		Cover grade and recommended thickness (mm)		Belt width (mm)	Recommended min pulley dia. (mm)
	Warp	Weft				Warp	Weft	Pressed PVC	PVG		
680/1	680	265	6.5	8.5	1090	15	18	1.5+1.5	1.5+1.5	500	400
800/1	800	320	6.9	9	1180	15	18	1.5+1.5	1.5+1.5	to	500
1000/1	1000	350	7.5	9.7	1180	15	18	2+1.5	2+1.5	2000	630
1250/1	1250	350	8.5	11	1540	15	18	2+2	2+1.5		750
1400/1	1400	350	9	11.5	1540	15	18	3+2	2.5+1.5		750
1600/1	1600	450	9.5	12.3		15	18	3+2	2.5+1.5		800
1800/1	1800	450	10	13		15	18	3+2	3+2		800
2000/1	2000	450	10.5	13.6		15	18	3+2	4+2		1000
2500/1	2500	450	12.5	14.5		15	18	3+2	5+3		1200
3100/1	3100	450	17	17		15	18				1500
3500/1	3500	500	20	19		15	18				

PVC Solid Woven Conveyor Belt :

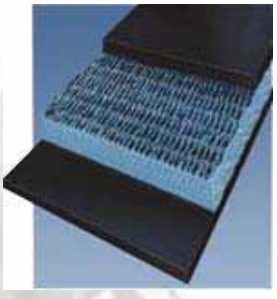
- *It is ideal for application in dry condition at a slope angle of 16° maximum.*
- *NON PRESSED PVC BELT has maximum cover thickness of 0.8 mm.*
- *PRESSED PVC TYPE can have cover thickness upto 4mm, giving better properties to the belt, such as impact resistance & longer service life.*

PVG Solid Woven Belt with Nitrile Rubber cover :

- *Is suitable for carrying materials mix with water at an angle of upto 20°.*
- *The cover, mainly composed of rubber, provides excellent troughability, service life, better resistance to wetness, slip, impact & wear & tear.*



PVC Solid Woven Belt



PVG Solid Woven Belt

Corrugated Sidewall Conveyor Belt

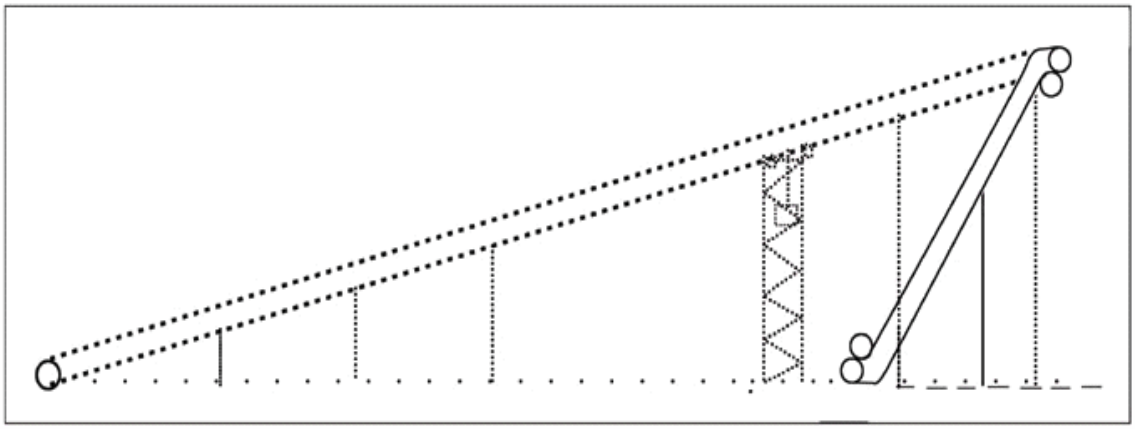
Sharda Worldwide

The latest addition to the vast range of Sharda Conveyor Belts is The Corrugated Sidewall & Cross Cleats Conveyor Belts which have found acceptance with many of our existing customers.

Advantages :

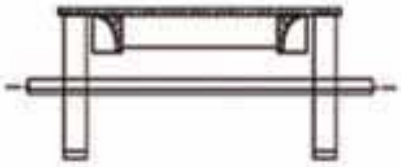
Corrugated sidewall conveyor belt is one of the most effective ways of elevating materials in a confined space, the economy is achieved by single belt operation, wide range material can be handled, less space requirement, no transfer point, low maintenance and big capacity. Corrugated sidewall belt can be designed into a set of complete transportation system according to application.

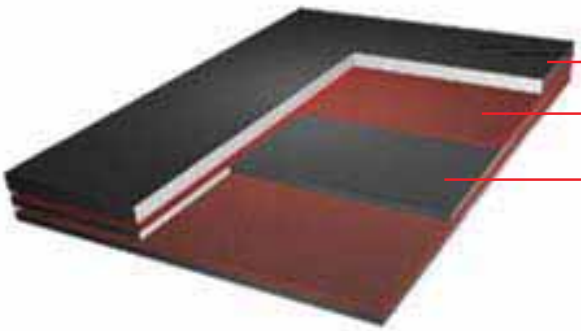
Sidewall
&
Cross Cleats



Transverse Rigid Rubber Belt

Conventional Rubber Belt





Corrugated Sidewall Conveyor Belt

Sharda Worldwide


XST-SC


XE-SC+2


XE+2


XE

Base Belt Structure:

Four parts: Top cover rubber; Bottom cover rubber; Reinforced core; Cross rigid.

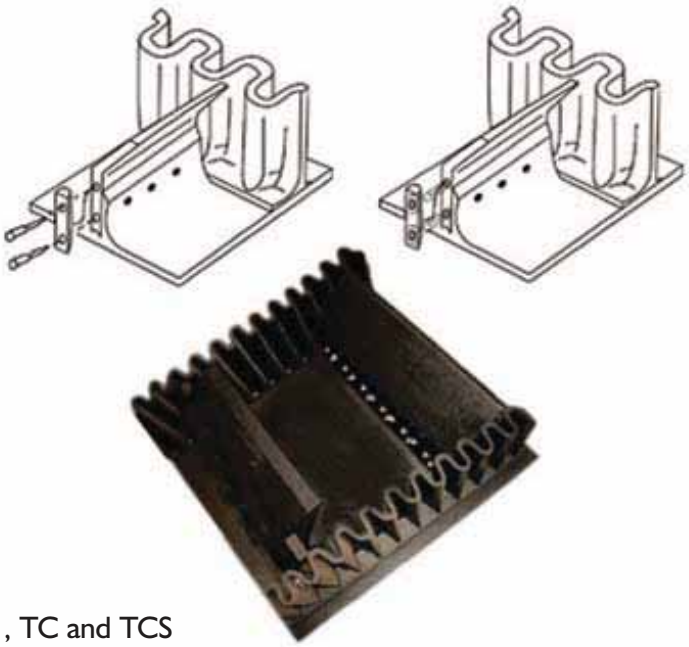
Thickness of top cover rubber: 3-6mm

Thickness of bottom cover rubber: 1.5-4.5mm.

Belt core: Cotton, Nylon, EP or Steel Cord

The Width is the same as normal belt.

Sidewall
&
Cross Cleats



Cleat types: T, TS, C , TC and TCS

The cleat is made of enforced fabric, solid, anti-shock to avoid distortion.

"TS and TCS" cleat are normally used for abrasion condition.

"T and TS" cleat are normally used up to 40°C, "TC and TCS" are normally used from 40° to 90°C.

Sidewall, cleat and base belt are joined through hot vulcanization.

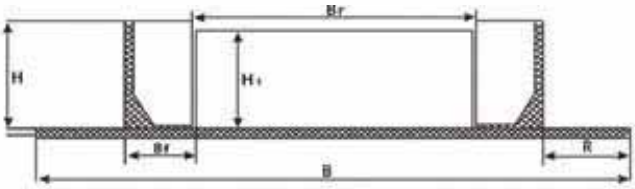
Cleat and sidewall are joined through bolt to prevent leakage

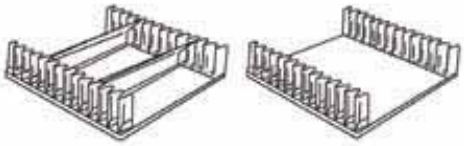
Corrugated Sidewall Conveyor Belt

Sharda Worldwide

Sidewall
&
Cross Cleats

Type / Name	N					S				ES			
Sidewall													
Height	40	60	80	100	120	120	160	200	240	300	400	500	630
Structure													
Type	TC					TC				TC			
Height	35	55	75	90	110	110	140	180	220	280			
Structure													
Type	T					T		T S		TS			
Height	35	55	75	90	110	110	140	180	220	280	360	460	580
Structure													
Type	C					C		TCS		TCS			
Height		55	75	90	110	110		180	220	280	360	460	580





Base Belt Width B (mm)	Sidewall Height H (mm)	Cleat Height H1 (mm)	BF (mm)	Br (mm)	R (mm)
300	40	35	25	180	35
	60	55	50	120	40
	80	75			
400	60	55	50	180	60
	80	75			
	100	90			
500	80	75	50	250	75
	100	90			
	120	110			
650	100	90	50	350	100
	120	110			
	160	140	75	300	
800	120	110	50	460	120
	160	140	75	410	
	200	180			

Corrugated Sidewall Conveyor Belt

Sidewall
&
Cross Cleats

Base Belt Width B (mm)	Sidewall Height H (mm)	Cleat Height H1 (mm)	BF (mm)	Br (mm)	R (mm)
1000	160	140	75	550	150
	200	280			
	240	220			
1200	160	140	75	690	180
	200	180			
	240	220			
	300	280	105	630	
1400	200	180	75	830	210
	240	220			
	300	280	105	770	
	400	360			
1600	200	180	75/105	970	240
	240	220			
	300	280	75	910	
	400	360			
1800	240	220	105	1110	270
	300	280	125	1050	
	400	360			
	500	460		1010	

BUCKET ELEVATOR CONVEYOR BELTS

Sharda Worldwide

Construction :

Rubber belt & elevator bucket.

Application :

Vertical transportation of loose powdery material usually around 50 mm dia.

Standard Specifications :

Carcass : EP or Cotton Duck

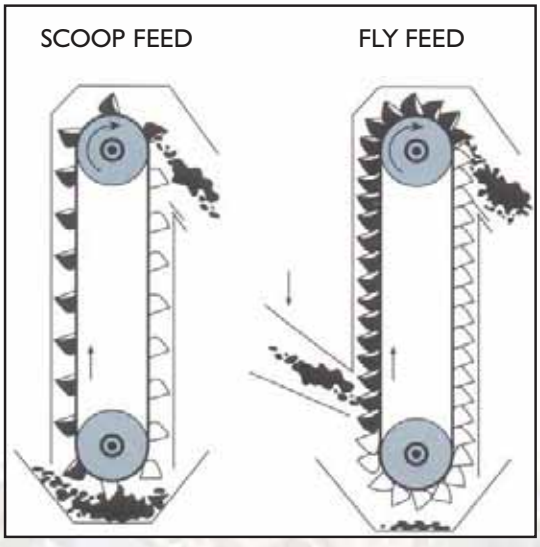
Tensile Strength : 100~2,400 N/mm

Max. Belt Width : ~1500 mm or 60"

Cover Rubber : Resistant to wear, oil, heat and anti-static; also cover-less type (FS)

General Specifications :

Specification	Belt Thickness
EP150 x 2P x 1/32" x 1/32"	4.0 mm
EP150 x 3P x 1/32" x 1/32"	4.0 mm
EP150 x 4P x 1/32" x 1/32"	4.0 mm



Special Features :

Superior belt strength (if accurately calculated) prevents breakage due to

(a) bolt holes
(b) lever force due to projection of buckets
(c) extracting force of the pulleys due to bending

Member of CISQ Federation
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Certified Quality System

Sharda Worldwide Exports Pvt. Ltd.

(ISO 9001 certified)

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