

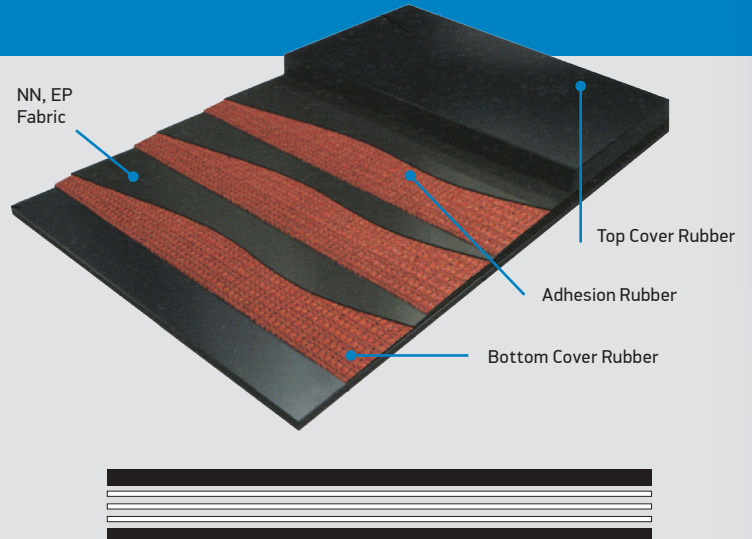


Rubber Conveyor Belts
Multi Ply



Multy Ply Conveyor Belts

- Application in all areas of material handling: Feeding conveyors, overland belt conveyors, loading and unloading conveyors, take-off conveyors, silo conveyors.
- The carcass construction is for long life in all industrial applications.
- In the majority of cases are the best solution as far the cost efficiency is concerned.



STRUCTURE

Our renowned multy-ply EP carcass (warp polyester + weft nylon).

Special rubber layer with good fabric adhesion properties (skimmed layer).

High abrasion resistant cover quality for heavy duty application or special quality of cover on request.

MATERIAL QUALITY

Nylon

- Highly flexible.
- Highly resistant against impact.
- Highly bendable.

Polyester

- Less elongation.
- Less deformed by heat.
- Less affected by moisture.

APLICATION GROUPS

- General
- Abrasion Resistance
- Heat Resistance
- Oil Resistance
- Fire Resistance
- Chemical Resistance
- Anti-Static

PRODUCTION PROCESS BANBURY

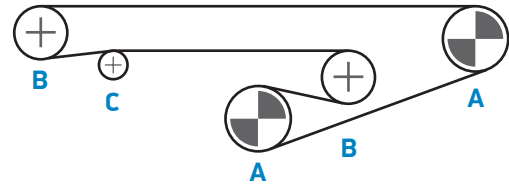


RECOMMENDED MIN. PULLEY DIAMETERS (MM)

A - Pulley within a high range of max. permissible belt tensions and with arc of contact > 30°(driving pulley)

B - Pulley within a moderate range of max. permissible belt tensions and with arc of contact > 30°(tail pulley)

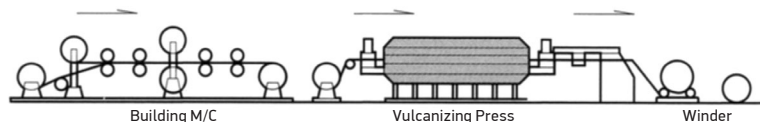
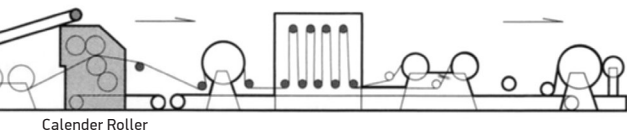
C - Pulley with arc of contacts < 30°(snub pulley)



BELT TENSION (Range max. permissible)	NUMBER OF PLYS	TYPE OF FABRIC														
		EP 125			EP 160			EP 200			EP 250 - EP 315			EP 400 - EP 500		
		A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
65-100%	2	200	160	160	250	200	160	315	250	200						
	3	315	250	200	400	315	250	500	400	315	630	500	400	800	630	500
	4	400	315	250	500	400	315	630	500	400	800	630	500	1000	800	630
	5	500	400	315	630	500	400	800	630	500	1000	800	630	1250	1000	800
	6	630	500	400	800	630	500	1000	800	630	1250	1000	800	1600	1250	1000
30-60%	2	200	160	160	200	160	160	250	200	160						
	3	250	200	160	315	250	200	400	315	250	500	400	315	630	500	400
	4	315	250	200	400	315	250	500	400	315	630	500	400	800	630	500
	5	400	315	250	500	400	315	630	500	400	800	630	500	1000	800	630
	6	500	400	315	630	500	400	800	630	500	1000	800	630	1250	1000	800
Under 30%	2	160	160	160	160	160	160	200	200	160						
	3	200	160	160	250	200	160	315	250	200	400	315	250	500	400	315
	4	250	200	200	315	250	200	400	315	250	500	400	315	630	500	400
	5	315	250	250	400	315	250	500	400	315	630	500	400	800	630	500
	6	400	315	315	500	400	315	630	500	400	800	630	500	1000	800	630

BELT CONSTRUCTIONS:

Various tensile strengths from EP 250 N/mm to EP 3150 N/mm are available.





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