

# SHRIRAM BELTINGS,BETUL

## N/N RUBBER CONVEYOR BELTS SELECTION CHART

Belt designation		Max.Recommended working tention (vulcanised splice) (kN/m)	Nominal Carcass Thickness N/N (mm)	Nominal Carcass Weight (kg./m2)	Max. Brlt width(mm) for satisfactory load support (Material Density in T/m3)			Min Belts width (mm) for satisfactory Troughing				
Type	Belt rating				upto 1.0	upto 1.5	upto 2.5	20°	30°	45°		
GD	200/2	20	2.4	2.7	650	500	400	300	300	350		
	250/2	25	2.6	2.8	650	600	450	450	450	500		
	315/2	31	2.8	2.9	650	600	450	450	450	500		
	315/3	31	2.9	3.2	1000	800	650	400	450	500		
	400/3	40	3.2	3.5	1050	900	650	500	500	500		
	500/3	50	3.5	3.6	1200	900	800	500	500	500		
	630/3	63	3.8	3.8	1200	1000	800	500	500	500		
ED	400/4	40	4.4	4.9	1200	1000	800	500	500	600		
	500/4	55	4.8	5.2	1200	1050	900	500	500	650		
	630/4	70	4.9	5.4	1400	1200	900	500	500	650		
	800/4	90	5.6	5.7	1600	1400	1000	500	500	650		
	1000/4	110	6	6.1	1600	1400	1200	500	650	800		
	1250/4	140	6.4	6.8	1800	1600	1400	650	800	900		
	1400/4	145	7.4	7.1	1800	1800	1600	650	800	900		
HD	800/5	90	6.3	6.5	1800	1400	1200	500	650	800		
	1000/5	110	6.8	6.9	1800	1600	1400	500	650	800		
	1250/5	140	7.3	7.4	1800	1800	1600	650	800	900		
	315/3	31	3.7	4.1	1200	1000	800	500	500	500		
	400/3	40	4	4.4	1200	1000	800	500	500	600		
	500/3	50	4.3	4.5	1400	1200	900	500	500	600		
	630/3	63	4.6	4.8	1400	1200	1000	500	500	650		
	630/4	70	6.1	6.4	1600	1400	1200	500	650	800		
	800/4	90	6.5	6.7	1800	1600	1400	500	500	650		
	1000/4	110	6.9	7.1	1800	1600	1400	650	800	900		
	1250/4	140	7.3	7.8	1800	1600	1600	750	900	1000		
	1400/5	155	8.7	9.5	2000	1800	1800	650	800	900		
	1600/4	160	9.1	10.5	2000	1800	1800	800	900	1000		
	1600/5	180	9.4	10.1	2000	1800	1800	800	900	1000		
	1600/6	180	10.9	11.4	2000	2000	2000	800	900	1000		
	1800/6	200	11.5	12.3	2000	2000	2000	800	900	1000		
	2000/4	200	11.4	13.2	2000	1800	1800	800	900	1000		
2000/5	200	12.4	14.2	2000	1800	1800	800	900	1000			
2000/6	220	13	12.8	2000	2000	2000	800	900	1000			

### RECOMMENDED MINIMUM PULLEY DIAMETERS

Carcass Thickness				Recommended Minimum Diameter in mm for percentage of *RMBT used								
Polymide Polyamide		Polyester/Polyamide		Over 60 outo 100 percent type of pulley			Over 30 upto 60 percent type of pulley			up to 30 percent type of Pulley		
From	To	From	To	A	B	C	A	B	C	A	B	C
-	1.1	-	0.9	100	-	-	-	-	-	-	-	-
1.2	1.3	1	1.1	125	100	-	100	-	-	-	-	-
1.4	1.7	1.2	1.4	160	125	100	125	100	-	100	100	-
1.8	2.2	1.5	1.8	200	160	125	160	125	100	125	125	100
2.3	2.7	1.9	2.3	250	200	160	200	160	125	150	160	125
2.8	3.5	2.4	2.9	315	250	200	250	200	160	200	200	160
3.6	4.4	3	3.7	400	315	250	315	250	200	250	250	200
4.5	5.5	3.8	4.6	500	400	315	400	315	250	315	315	250
5.6	7	4.7	5.8	630	500	400	500	400	315	400	400	315
7.1	8.8	5.9	7.4	800	630	500	630	500	400	500	500	400
8.9	11.1	7.5	9.2	1000	800	630	800	630	500	630	630	500
11.2	13.8	9.3	11.5	1250	100	800	1000	800	630	800	800	630
13.9	15.5	11.6	12.9	1400	1250	1000	1250	1000	800	1000	1000	800
15.6	17.7	13	14.8	1600	1250	1000	1250	1000	800	1000	1000	800
17.8	20	14.9	16.6	1800	1400	1250	1400	1250	1000	1250	1250	1000
		16.7	18.5	2000	1600	1250	1600	1250	1000	1250	1250	1000

M/s.SHRIRAM BELTINGS

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