

BELT SELECTION CHART

Belt Designation Type		Max. Recomm. Working Tension (KN/M)	Nominal Carcass Thickness (mm)	Nominal Carcass Weight (KG/M ²)	Max. Belt Width (mm) for Satisfactory Load Support (Material Density in T/m ³)			Min Belt Width (mm) for Satisfactory Troughing		
Type	Rating (KN/M)				UPTO 1.0	UPTO 1.5	UPTO 2.0	20°	30°	45°
GENERAL DUTY	200/2	20	2.1	2.3	650	500	400	300	300	350
	250/2	25	2.2	2.4	650	600	450	400	450	500
	315/3	31	3.2	3.5	100	800	650	400	450	500
	400/3	40	3.3	3.7	105	900	650	500	500	500
	500/3	50	3.6	4	120	900	650	500	500	500
	630/3	63	3.8	4.2	120	1000	800	500	500	600
MEDIUM DUTY	400/4	40	4.5	5	120	1000	800	500	500	600
	500/4	55	4.6	5.2	120	1050	900	500	500	650
	630/4	70	4.9	5.4	140	1200	900	500	500	650
	800/4	90	5.6	6.1	160	1400	1000	500	500	650
	1000/4	110	6	6.6	160	1400	1200	500	650	800
	1250/4	140	6.2	7.2	160	1600	1400	650	800	900
	1400/4	145	6.8	7.7	160	1600	1400	650	800	900
	1250/5	140	7.1	8	160	1600	1400	650	800	900
	1400/5	155	7.8	8.4	160	1600	1600	650	800	900
	315/3	31	3.7	4.1	120	1000	800	500	500	600
HEAVY DUTY	400/3	40	3.9	4.6	120	1050	900	500	500	650
	500/3	50	4.3	4.7	140	1200	1000	500	500	650
	630/3	63	4.6	5.2	140	1200	1050	500	500	650
	630/4	70	5.7	6.2	160	1400	1200	650	800	900
	800/4	90	6.2	6.8	160	1400	1200	650	800	900
	1000/4	110	6.8	7.5	160	1500	1200	650	800	900
	1250/4	140	7.2	7.9	160	1600	1400	750	900	1000
	1250/5	140	8	8.8	160	1600	1400	800	1000	1200
	1400/5	155	8.2	9.5	160	1600	1600	800	1000	1200
	1600/5	160	9	9.8	160	1600	1600	800	1000	1200
1800/5	180	9.2	10	160	1600	1600	800	1000	1200	
2000/5	200	9.4	10.4	160	1600	1600	800	1000	1200	

Note: The above chart indicates our standards range of NN/ EP Conveyor Belts. Other designs can be designed and manufactured upon certain requests. Data provided in this catalog is indicative only and may change by company due to continuous & ongoing developments in our products.

RECOMMENDED PULLEY CHART

Belt Type	Upto 30%	Upto 30%	Upto 30%	Over 30% upto 60%	Over 30% upto 60%	Over 30% upto 60%	Over 60%	Over 60%	Over 60%
	Drive	Tail	Snub	Drive	Tail	Snub	Drive	Tail	Snub
200/2	160	160	125	200	160	125	250	200	160
250/2	160	160	125	200	160	125	250	200	160
315/2	160	160	125	200	160	125	250	200	160
315/3	200	200	160	250	200	160	315	250	200
400/2	200	200	160	250	200	160	315	250	200
400/3	200	200	160	250	200	160	315	250	200
500/2	200	200	160	250	200	160	315	250	200
500/3	250	250	200	315	250	200	400	315	250
500/4	315	315	250	400	315	250	500	400	315
630/3	315	315	250	400	315	250	500	400	315
630/4	315	315	250	400	315	250	500	400	315
800/3	400	400	315	500	400	315	630	500	400
800/4	400	400	315	500	400	315	630	500	400
1000/4	500	500	400	630	500	400	800	630	500
1000/5	500	500	400	630	500	400	800	630	500
1250/5	630	630	500	800	630	500	1000	800	630
1250/6	630	630	500	800	630	500	1000	800	630

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COVER GRADES

Grade	Standard	Elongation at Break % min.	Breaking Strength N/mm ² min.	Abrasion mm ³ max.	Cover Grade Type
M-24	IS:1891: Part 1	450	24	150	General Purpose
N-17	IS:1891: Part 1	400	17	200	General Purpose
HR (T1)	IS:1891 Part 2	350	12.5	150	Heat Resistant
SHR (T2)	IS:1891 Part 2	350	12.5	150	Heat Resistant
SHR	—	350	12	150	Heat Resistant
UHR	—	450	10	150	Heat Resistant
FR	IS 1891: Part 5	400	17	175	Flame Resistant
OR	IS 1891: Part 3	—	12	250	Oil Resistant
IS HYGENIC	IS:1891: Part 4	350	10	200	Hygienic
W	DIN22102	400	18	90	Abrasion Resistant
X	DIN22102	450	25	120	Abrasion Resistant
Y	DIN22102	400	20	150	General Purpose
Z	DIN22102	350	15	250	General Purpose
V	DIN22102	350	15	200	General Purpose
H	ISO15236	450	24	120	Abrasion Resistant
D	ISO15236	400	18	100	Abrasion Resistant
L	ISO15236	350	15	200	General Purpose
K	ISO15236	350	15	200	Heat Resistant
A	AS1332	400	17	70	Abrasion Resistant
E	AS1332	300	14	—	Flame Resistant
F	AS1332	300	14	—	Flame Resistant
M	AS1332	450	24	125	Abrasion Resistant
N	AS1332	400	17	200	General Purpose
S	AS1332	300	14	250	General Purpose
I	RMA	400	17	—	General Purpose
II	RMA	400	14	—	General Purpose
1	ARPM	400	17	125	Abrasion Resistant
2	ARPM	400	14	175	General Purpose