

Section 1 - Friction Belts - Rubber Belts

DIN 7867 - ISO 9982 / ASAE S 211.5 / IP26 RMA-MPTA

Grinded

Structure details:

Back Rubber

Providing excellent adhesion with tensile cord, our back rubber can support reverse bending and drive from the back.

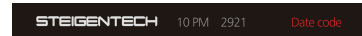
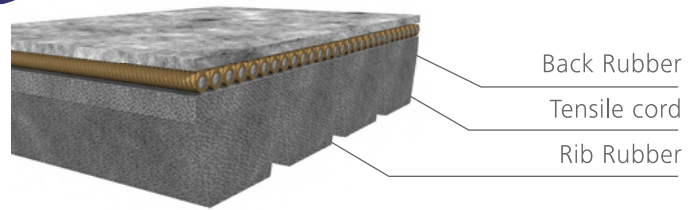
Tensile cord

Polyester tensile cord featuring low elongation while offering high strength to enable huge power transmission.

Rib Rubber

Polybutadiene loaded with fiber, our special compound ensures highest grip standard and strong longitudinal force.

Contact with pulley grooves is optimum, belt ribs completely fill the grooves and provide power through the entire drive surface.



Application:

Those Grinded Ribbed Belts are perfect for heavy duty industrial applications such as pump, power station, pulp and paper, mining, compactor, crusher, centrifuges, marble cutter,...

Our special elastomeric rubber structure is resistant to oil and heat resistance making those belts suitable in agricultural applications.

Please contact us for aramid cord or EPDM compound. Please contact us for any special backing requirements.

Properties:

Very high per rib power capacity while in a compact drive design
No need for belt matching, featuring long life, absorbs extra load or shock

EPDM compound on PK profile support long life, strong abrasion and higher temperature environment

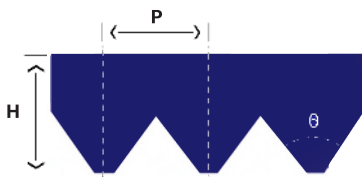
Temperature range from -40°C up to +70°C

Resistant to dust, enables cooling, high drive efficiency

Meets RoHS and REACH requirements

Section Dimensions:

Our Grinded Ribbed Belts have been designated to be used with pulleys according to DIN 7867 or ISO 9982.



ISO 9982	PK	PL	PM
RMA/MPTA	K	L	M
Pitch (mm)	3.56	4.70	9.40
Height (mm)	4.5	6.80	15.50
Belt Weight per rib per meter (Kg/m)	0.03	0.04	0.118
Min. pulley diameter (mm)	55	75	180
Min. reverse bend diameter (mm)	75	140	300
Max belt speed (m/s)	50	40	30
Min. length (mm)	559	900	2000
Max. length (mm)	3048	4064	10000
Standard number of ribs	6, 8, 10, 12, 16		
Max. number of ribs	65	50	25

Le: effective length

Product Codification:

RRMA designation:	1150	M	10
Possible sections : K, L, M	Effective length (inches x 10)	Type	Number of ribs
-			
ISO designation:	10	PM	2921 Le
Possible sections : PK, PL, PM	Number of ribs	Type	Effective length (mm)