

Section 1 - Friction Belts - Rubber Belts

DIN 7753 Part 1 - ISO 4184 / IP22 RMA-MPTA / BS 3790

High Performance Narrow Wedge V-Belts

Structure details:

Transversal Polychloroprene

Provide perfect adhesion for the cords and the rubber base.

Tensile cord

Special treated polyester tension cords are encapsulated with fiber compound to achieve higher dynamic load, flexibility and low stretch.

Rubber base

Fiber loaded to deliver increased transmission force while very stable longitudinal forces even when ageing.

Heavy Duty Wrapping cover

Our heavy duty wrapping cover provides great resistance to abrasion and perfected grip.

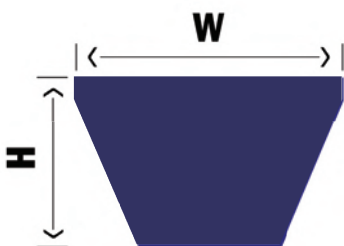
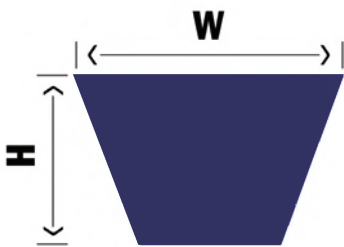
Application:

Our High Performance Narrow Wedge V-Belts have been specially designed for higher duty applications to deliver up to 50% more than regular wedge V-Belts.

Thus enabling to be used in many kinds of industrial or agricultural fields such as compressors, fans, pumps and other heavy duty cycle equipment.

Section Dimensions:

Our High Performance Narrow Wedge V-Belts have been designated to be used with V-Belt pulleys according to DIN 2211.



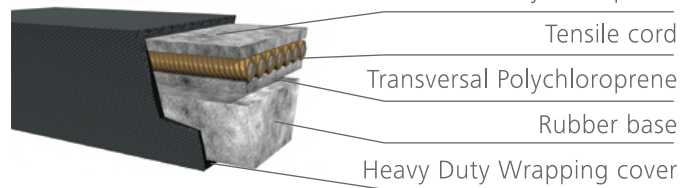
ISO 4184	SPZ	SPA	SPB	SPC
Section W x H (mm)	10 x 8	13 x 10	17 x 14	22 x 18
Datum Width (mm)	8.5	11	14	19
Belt Weight per meter (Kg/m)	0.08	0.13	0.22	0.35
Min. pulley diameter (mm)	63	90	140	224
Max flexing frequency (s⁻¹)	100	100	100	100
Max belt speed (m/s)	40	40	40	40
Min. length (mm)	406	600	1100	1800
Max. length (mm)	5080	5080	10008	15240
Length Conversion (mm)	La=Li+50	La=Li+63	La=Li+88	La=Li+113

La: outside length Li: inside length

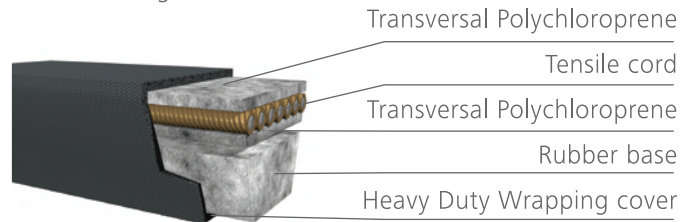
RMA/MPTA	3V/9N	5V/15N	8V/25N
Section W x H (mm)	9,5 x 8	16 x 13,5	25,5 x 23
Belt Weight per meter (Kg/m)	0.08	0.22	0.50
Min. pulley diameter (mm)	67	180	330
Max flexing frequency (s⁻¹)	100	100	100
Max belt speed (m/s)	40	40	40
Min. length (mm)	406	1100	1905
Max. length (mm)	5080	10008	15240
Length Conversion (mm)	La=Li+50	La=Li+85	La=Li+144

La: outside length Li: inside length

Narrow Wedge V-Belts to ISO:



Narrow Wedge V-Belts to RMA-MPTA:



Properties:

Constant length L= L per ISO specifications

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

Meets antistatic requirements from ISO 1813

Good resistance to dust and against other external aggression

Resistant to mineral oil and good resistance to ozone and sunlight

Industrial heavy duty wrapping cover resists abrasion

Meets RoHS and REACH requirements

Product Codification:

Example RMA designation:

Possible sections : 3V, 5V, 8V

ISO designation:

Possible sections : SPZ, SPA, SPB, SPC

5V
Belt top width

950
Outside length (inches x 10)

- 2432 La
Outside length (mm)

SPZ
Belt section (10 x 8 mm)

- 1287 Ld
Datum length (mm)