

# Section 1 - Friction Belts - Rubber Belts

DIN 2215 - ISO 5290 / ASAE S 211.3 / IP20 RMA-MPTA

## Banded Classical Wrapped V-Belts

### Structure details:

#### Top cover band

Special high strength top cover for multiband belts allowing one homogenous and compact 'one' belt drive.

#### Tensile cord

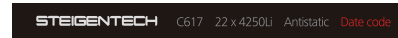
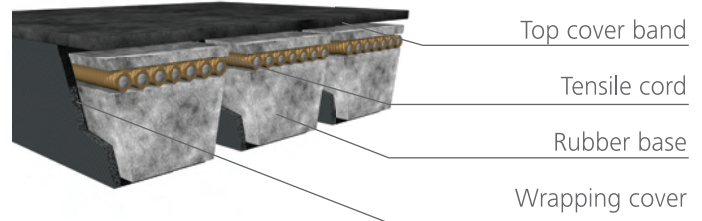
Polyester tensile members are well aligned and specifically treated during the impregnation process to achieve high-strength. It results transmission forces and even supports occasional shock.

#### Rubber base

Thanks to its fiber loading, the rubber base provides great transverse rigidity as needed.

#### Wrapping cover

This is a specific industrial fabric to provide perfect protection against abrasion and needed grip.



### Application:

Our banded classical V-Belts are composed of multiple classical V-Belts which are perfectly connected as a whole structure. Thus enabling those belts to effectively solve problems such as wobbling, smacking and turning over in one single belt operation while ensuring equal stress of each belt and a large power transmission.

Our banded classical V-Belts are a smooth drive solution where individuals belts are vibrating or turn over the pulleys.

### Properties:

Combination of sets are required, consult our application engineer

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

Meets antistatic requirements from ISO 1813<sup>1</sup>

Resistant to dust

Contact us for aramid cord tensile cord version

Meets RoHS and REACH requirements

<sup>1</sup> : top belt surface as antistatic upon request

### Section Dimensions:

Our banded classical V-Belts have been designated to be used with V-Belt pulleys according to ISO 4183.



ISO 4184	A/HA	B/HB	C/HC	D/HD
Section	A	B	C	D
Section W x H (mm)	13,6 x 10	17 x 13	22,4 x 16	32,8 x 21,5
Pitch Distance (mm)	15.6	19.0	25.5	37.0
Belt Weight per rib per meter (Kg/m)	0.168	0.265	0.435	0.786
Min. pulley diameter (mm)	80	130	210	0.95
Max flexing frequency (s <sup>-1</sup> )	70	70	70	70
Max belt speed (m/s)	30	30	30	30
Min. length (mm)	1200	1200	1800	4500
Max. length (mm)	5000	10000	10000	15000
Length Conversion (mm)	Li=La-63	Li=La-82	Li=La-100	Li=La-135
Max. ribs per belt	20	16	12	9

La: outside length Li: inside length

### Product Codification:

RMA designation:	3	C167	4250 Li
Possible sections : A, B, C, D	Number of ribs	Belt section (22 x 16 mm)	Inside length (mm)
-			
ISO designation:	5	HB	1482 La
Possible sections : HA, HB, HC, HD	Number of ribs	Belt section (17 x 13 mm)	Outside length (mm)