

**Function**

Flexible link between the motor and the machine which allows to transmit high power.

Each time you have beatings or horizontal movements of the belts, the banded belts VECOBAND cancel the twisting and avoid the shocks between the belts which results in a loss of power and reduction of the life time (cruder, agitator, compressors,...)

In some of transmissions, the banded belts are also used for agricultural machines mainly to realize the clutch.

**Conception**

The banded belts VECOBAND are made of endless V.belts joined on their high base with a reinforced band. They are made of :

- synthetic rubbers which guarantee a constant hardness
- polyester cord with controlled elasticity and high capacity of traction
- single wrapping (for A and B sections) and double wrapping (for the others) impregnated with polychloropren compound which resists to heat, oil, abrasion and ozone.

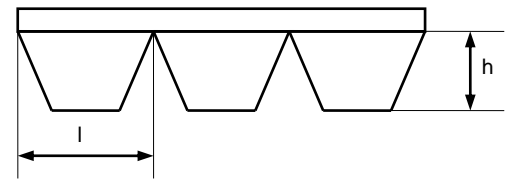
**Production range**

- Narrow section belts :
 

3 V J (=9 J) :	from 1 to 20 meters.
5 V J (=15 J) :	from 1 to 20 meters.
8 V J (=25 J) :	from 2 to 20 meters.
SPAJ :	from 1,2 to 2,5 meters.
SPBJ :	from 2,3 to 20 meters.
SPCJ :	from 3 to 20 meters
- Classic sections belts :
 

A J :	from 1 to 20 meters.
B J :	from 2 to 20 meters.
C J :	from 3 to 20 meters.

Section	l	h
3VJ	10	8
5VJ	16	14
8VJ	26	23
SPBJ	16	14
SPCJ	22	18
AJ	13	8
BJ	17	11
CJ	22	14



The minimal quantity are following the sections and the lengths. Consult us.

**Lengths**

- The belts are always specified by their effective length (ISO 8419 for 3V, 5V and 8V sections). This length corresponds to the external diameter of the mesural pulleys.
- By construction this length is the same as the length of the cord.
- This length like the external diameter of pulleys can be used to do the calculation of your transmission (speed ratio,...). It is the same as the pitch length used usually.
- So, it is not use to calculate the pitch length, neither internal and external lengths : the effective length is enough to specify the belts.

**General Specifications**

- temperature : - 30° to + 100°C
- antistatic following the standard NF T 47 104 – ISO1813
- V. belt sections following the standard E 24 - 213
- resistant to oil projection and diluted acids. ISO1817
- endure centrifugal strength
- good draining of heat at high speed
- working with pulleys following the standards :
  - 3VJ, 5VJ and 8VJ sections following the standard ISO 5290
  - AJ, BJ and CJ sections following the standard NF ISO 5291
  - SPAJ, SPBJ, SPBJ sections following the standard ISO 4183 (standard pulleys)



### Marking

**COLMANT CUVELIER VECOBAND® SPCJ X 4 3080 2 C MADE IN EU**

On our DYNAM belts, you can read :

- the trade mark : COLMANT CUVELIER VECOBAND
- the section : SPCJ (J for banded)
- the number of cords : X 4
- the effective length : 3080 mm
- the production code : 2 C

### Storage conditions

Belts must be stocked under the following conditions :

- the room must be dry, without dust and well ventilated
- temperature must be between +5°C and +25°C
- no condensation, maximum humidity of air : 65 %
- avoid direct sun light and high artificial light due to ultraviolet
- avoid contact with chemical products, solvent, petrol, lubricant, acid, volatile components, greases
- no material which can produce ozone, like high tension electric material, electric motors or other materials which can produce sparks or electric discharge
- the stocked belts must not have been stressed, compressed, or deformed
- set them more than 1 meter from radiators or heat source
- avoid direct contact with some kinds of metal (copper, manganese, ...)
- avoid contact with sharp, abrasive and angular surfaces
- the material of boxes, packings and the coverings must not contain noxious substances for the belts like copper, creosotes ...

### Cleaning :

The cleaning with water and soap is the most harmless. You must never use organic solvents like trichlorethylene, tetrachlorure of carbone or ether of petrol, no abrasive, pointed or sharp tools. The cleaned belts must be dried at ambient temperature.