



DRIVE DESIGN  
AND TECHNICAL MANUAL

EXTRUDED THERMOWELDABLE  
BELTS POLYURETHANE  
PENTAGON BELTS

**DRIVE BELT  
TECHNOLOGY .**

## SECTION 2.2.13 | EXTRUDED THERMOWELDABLE BELTS POLYURETHANE BELTS

DIN 2215 - ISO 4184

PENTAGON  
OE-A-P, OE-B-P, OE-C-P

### FEATURES

Our medium hard shored extruded belt is made out of quality grade PU from premium compound. This ensures resistance to abrasion and great traction force, while being flexible and allowing welding on field.

Smooth surface, friction on steel around approximately 0,6. For Rough surface the friction coefficient reaches approximately 0,45

Hardness 85-88-90 Shore A

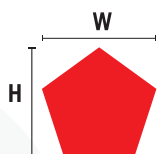
Resistance to oil, fuels and oxygen

Plasticizer free

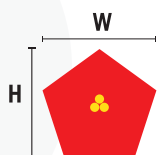
This extruded PU belt is thermoweldable and is designed for light conveying and transportation applications.



### Dimensions



Pentagon V-Belt



Reinforced Pentagon V-Belt

Section	Dimension (mm)	Cross section (cm <sup>2</sup> )	Belt Weight per meter (kg/100m)	Standard Roll (m)	Mini. Diamter (mm)	Traction Force <sup>1</sup> (daN)
A	13 x 12	1,20	15,0	30	150	21,0
B	17 x 19	2,15	25,0	30	180	39,0
C	22 x 25	3,70	45,0	30	230	65,0

1: For non reinforced belts

### Applications



Appliances & Machinery



Food & Beverage



Packaging

### Marking

**CMW**

**OE-PENTAGON-A**

**date code**

**CMW**

**OE-PENTAGON-B-R**

**date code**

### Product Codification

30-OE-PENTAGON B-PU-RED means

**30**

**OE**

**PENTAGON B**

**PU-RED**

Length / 800,00 mm

Open Ended Roll

Section B, Pentagon back 17 x 19mm

PU color Red

30-OE-PENTAGON C-PU-RED means

**7560**

**EE**

**PENTAGON C**

**PU-RED**

**R**

Length / 7560,00 mm

Open Ended Roll

Section C, Pentagon back 22 x 25mm

PU color Red

Reinforced

2.2.13 EXTRUDED THERMOWELDABLE BELTS - POLYURETHANE BELTS | PENTAGON

Standard Belt Range

CMW Product code	GTIN (EAN) code	Section	Dimensions (mm)
30-OE-PENTAGON A-PU-RED	3666445000059	PENTAGON A	13x12
30-OE-PENTAGON B-PU-RED	3666445000042	PENTAGON B	17x19
30-OE-PENTAGON C-PU-RED	3666445000035	PENTAGON C	22x25



## Your expert in DRIVE BELT TECHNOLOGY

CMW Power Transmission designs, manufactures and distributes rubber and polyurethane drive belts in wide variety of industrial and agricultural applications to become your favourite power transmission brand.

### **CMW Power Transmission SAS**

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