



DRIVE DESIGN
AND TECHNICAL MANUAL

EXTRUDED THERMOWELDABLE
POLYURETHANE ROUND BELTS

**DRIVE BELT
TECHNOLOGY .**

SECTION 2.2.11 | EXTRUDED THERMOWELDABLE BELTS POLYURETHANE BELTS

DIN 2215 - ISO 4184

FROM 2MM TO 20MM.SMOOTH OR ROUGH. REINFORCED OR NOT.

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

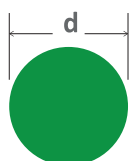
Resistance to oil, fuels and oxygen

Plasticizer free

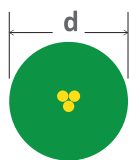
This extruded PU belt is thermoweldable and is designed for light conveying and transportation applications.



Dimensions



Round Belt



Reinforced Round Belt

Diameter (mm)	Cross section (cm2)	Belt Weight per meter (kg/100m)	Standard Roll (m)	Mini. Diameter (mm)	Traction Force ¹ (daN)
02	0,032	0.5	400	19	0.5
03	0,071	0.9	400	28	1.5
04	0,126	1.6	200	38	2.5
05	0,197	2.4	200	48	3.5
06	0,283	3.4	200	57	5.0
07	0,385	4.7	100	67	7.0
08	0,500	6.0	100	76	9.0
09	0,700	8.2	100	86	11.0
10	0,785	9.4	50	95	14.0
12	1,130	13.5	30	114	19.0
15	1,770	21.5	30	142	28.5
18	2,540	31.0	30	175	45.0
20	3,140	40.0	30	185	55.0

1: For non reinforced belts

Applications



Appliances & Machinery



Food & Beverage



Packaging

Marking

CMW	OE-RS-08	date code
CMW	OE-RS-08-REINFORCED	date code
CMW	OE-RR-06	date code
CMW	OE-RR-06-REINFORCED	date code

Product Codification

200-OE-RS-4-PU means

200	OE	RS	4	PU
Length / 200,00 m	Open Ended Roll	Section Round Smooth	Diameter 4,0mm	PU color Green

30-OE-RR-18-PU-R means

30	OE	RR	18	PU	R
Length / 30,00 m	Open Ended Roll	Section Round Rough	Diameter 18,0mm	PU color Red	Reinforced

2.2.11 EXTRUDED THERMOWELDABLE BELTS - POLYURETHANE BELTS | CURVILINEAR TOOTH

Standard Belt Range

CMW Product code	GTIN (EAN) code	Surface Type	Diameter (mm)
400-OE-RS-2-PU	3666445000424	SMOOTH	2
400-OE-RS-3-PU	3666445000417	SMOOTH	3
200-OE-RS-4-PU	3666445000400	SMOOTH	4
200-OE-RS-5-PU	3666445000394	SMOOTH	5
200-OE-RS-6-PU	3666445000387	SMOOTH	6
100-OE-RS-8-PU	3666445000370	SMOOTH	8
50-OE-RS-10-PU	3666445000363	SMOOTH	10
30-OE-RS-12-PU	3666445000356	SMOOTH	12
30-OE-RS-15-PU	3666445000349	SMOOTH	15
30-OE-RS-18-PU	3666445000332	SMOOTH	18
30-OE-RS-20-PU	3666445000325	SMOOTH	20

Standard Belt Range

CMW Product code	GTIN (EAN) code	Surface Type	Diameter (mm)
400-OE-RR-2-PU	3666445000318	ROUGH	2
400-OE-RR-3-PU	3666445000301	ROUGH	3
200-OE-RR-4-PU	3666445000295	ROUGH	4
200-OE-RR-5-PU	3666445000288	ROUGH	5
200-OE-RR-6-PU	3666445000271	ROUGH	6
100-OE-RR-8-PU	3666445000264	ROUGH	8
50-OE-RR-10-PU	3666445000257	ROUGH	10
30-OE-RR-12-PU	3666445000240	ROUGH	12
30-OE-RR-15-PU	3666445000233	ROUGH	15
30-OE-RR-18-PU	3666445000226	ROUGH	18
30-OE-RR-20-PU	3666445000219	ROUGH	20



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.

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