

Technical data

**CRELAST® Endless-Flat belts elastic**

**Folding and conveying belts, elastic**

Type	Crelast black	Crelast white*	Crelast blue or light grey	Crelast light beige	Crelast green*	Crelast SI black
Quality of rubber	Chloroprene 70 ShA	NBR 65 ShA	NBR 75 ShA	XNBR 75 ShA	EPDM 65 ShA	Silicone 80 ShA
Properties	antistatic, oil / grease resistant	*FDA, wear-resistant	oil / grease and wear-resistant	very high resistance to abrasion	*FDA, UV- and ozone-proof	non-stick
Temperature resistance	100 °C	80 °C	80 °C	100 °C	120 °C	160 °C
Force- and tension-values						
at 4%	0.42 N/mm <sup>2</sup>	0.33 N/mm <sup>2</sup>	0.56 N/mm <sup>2</sup>	0.28 N/mm <sup>2</sup>	0.20 N/mm <sup>2</sup>	0.34 N/mm <sup>2</sup>
at 5%	0.49 N/mm <sup>2</sup>	0.39 N/mm <sup>2</sup>	0.65 N/mm <sup>2</sup>	0.34 N/mm <sup>2</sup>	0.24 N/mm <sup>2</sup>	0.40 N/mm <sup>2</sup>
at 6%	0.56 N/mm <sup>2</sup>	0.44 N/mm <sup>2</sup>	0.74 N/mm <sup>2</sup>	0.38 N/mm <sup>2</sup>	0.28 N/mm <sup>2</sup>	0.46 N/mm <sup>2</sup>
Pretension	4-6 %	4-6 %	4-6 %	4-6 %	4-6 %	4-6 %
	endless vulcanized – no seam or splice					
Dimensions						
length	15 - 2000 mm		+/- 1 %	L0= length without tension		
width	2 - 280 mm		+/- 1 mm			
thickness	0.5 - 15.0 mm		+/- 0.1 mm			

**Special production:**

- surface grinded, profiled or smooth
- with tracking guide, grooves or cams
- other dimensions or tighter tolerances
- other qualities of rubber, e.g. see product group 10  
 "Crelast SE – Endless-Flat belts semi-elastic"
- inscription of country of origin, item number, etc.

**Technical data**
**CRELAST® Endless-Flat belts elastic**
**Feeder and conveyor belts, elastic**

Type Crelast	EC red EC white* elastic	EC maroon elastic	CR/EC red CR/EC white* semi-elastic	CR/EC maroon semi-elastic
Quality of rubber	Natural rubber 40 ShA	Natural rubber 50 ShA	Natural rubber 40 ShA inside CR black	Natural rubber 50 ShA inside CR black
Properties	wear-resistant, *FDA conform	highly wear- resistant	wear-resistant, *FDA conform	highly wear- resistant
Temperature resistance	60 °C	60 °C	60 °C	60 °C
Force- and tension- values				
at 5%	0.09 N/mm <sup>2</sup>	0.14 N/mm <sup>2</sup>	0.5 N/mm <sup>2</sup>	0.5 N/mm <sup>2</sup>
at 10%	0.16 N/mm <sup>2</sup>	0.25 N/mm <sup>2</sup>	-	-
at 20%	0.28 N/mm <sup>2</sup>	0.43 N/mm <sup>2</sup>	-	-
Pretension	10-20 %	10-20 %	4-6 %	4-6 %
endless vulcanized – no seam or splice				
Dimensions				
length	15 - 2000 mm	+/- 1 %	L0= length without tension	
width	3 - 280 mm	+/- 1 mm		
thickness	0.8 - 15.0 mm	+/- 0.1 mm		

**Special production:**

- surface grinded, profiled or smooth
- with tracking guide, grooves or cams
- other dimensions or tighter tolerances
- other qualities of rubber
- inscription of country of origin, item number, etc.

Technical data

**CRELAST® Endless-Flat belts elastic**

**Crelast SE – Conveying belts with rhombic pattern, semi-elastic**

Type	Crelast SE black/ blue semi-elast.	Crelast SE black/ white* semi-elast.	Crelast SE black/ green* semi-elast.	Crelast SE black/ black semi-elast.	Crelast SE black/ maroon semi-elast.	Crelast SE black/ red semi-elast.
Surface pulley side	NBR 75 ShA rhombic pattern	NBR 65 ShA rhombic pattern	EPDM 65 ShA rhombic pattern	CR 70 ShA rhombic pattern	NR 50 ShA rhombic pattern	NR 40 ShA rhombic pattern
carrying side	CR black	CR black	CR black	CR black	CR black	CR black
Properties	very high wear resistance	*FDA, wear- resistant	*FDA, UV- and ozone- proof	antistatic, wear- resistant	high coefficient of friction	highest coefficient of friction
Temperature resistance	80 °C	80 °C	100 °C	100 °C	60 °C	60 °C
Force- and tension values						
at 4%	0.80 N/mm <sup>2</sup>	0.80 N/mm <sup>2</sup>	0.80 N/mm <sup>2</sup>	0.80 N/mm <sup>2</sup>	0.80 N/mm <sup>2</sup>	0.80 N/mm <sup>2</sup>
at 5%	0.97 N/mm <sup>2</sup>	0.97 N/mm <sup>2</sup>	0.97 N/mm <sup>2</sup>	0.97 N/mm <sup>2</sup>	0.97 N/mm <sup>2</sup>	0.97 N/mm <sup>2</sup>
at 6%	1.13 N/mm <sup>2</sup>	1.13 N/mm <sup>2</sup>	1.13 N/mm <sup>2</sup>	1.13 N/mm <sup>2</sup>	1.13 N/mm <sup>2</sup>	1.13 N/mm <sup>2</sup>
Pretension	4-6 %	4-6 %	4-6 %	4-6 %	4-6 %	4-6 %
endless vulcanized – no seam or splice						
Dimensions						
length	150 - 1500 mm		+/- 1 %		L0= length without tension	
width	2 - 280 mm		+/- 1 mm			
thickness	0.8 - 2.0 mm		+/- 0.1 mm			

**Special production:** - other dimensions or tighter tolerances  
 - inscription of country of origin, item number, etc.

**Outstanding performances:** - highest entrainment ➤ due to approved Graf rubber-quality  
 - smooth and economical belt running ➤ due to highly cross-linked rubbers  
 - insensitive to dust and steady friction ➤ due to Graf rhombic pattern  
 - for smallest pulley diameter from 6 mm ➤ due to endless-vulcanisation  
 - extreme durability ➤ due to established workmanship

**Samples** are available in **Sample Collection 10** «Crelast SE – Endless-Flat belts semi-elastic»

**Technical data**

**CRELAST® Endless-Flat belts elastic**