

Technical data

CRELAST® Endless-Roll and friction covers

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 ²	0.33 N/mm ²	0.56 N/mm ²	0.28 N/mm ²	0.20 N/mm ²	0.34 N/mm ²
at 5%	0.49 N/mm ²	0.39 N/mm ²	0.65 N/mm ²	0.34 N/mm ²	0.24 N/mm ²	0.40 N/mm ²
at 6%	0.56 N/mm ²	0.44 N/mm ²	0.74 N/mm ²	0.38 N/mm ²	0.28 N/mm ²	0.46 N/mm ²
Pretension	The produced diameter is generally 1 mm to 2 mm smaller than the diameter of the axe/pulley.					
	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			

„Sleeve“-Technology

Our roll covers and friction linings are produced slightly smaller than the diameter of your axes/pulleys and simply mounted, without any use of tools or adhesive agents. Thereby, the achieved pretension force does create a good and steady clamping force.

At the end of the life cycle, the covers will be removed – again without the use of any tools – and a new cover will be mounted on the same axes/pulleys.

Special production

- with grooves: lateral, diagonal or alongside
- other dimensions or tighter tolerances
- other qualities of rubber

Technical data
CRELAST® Endless-Roll and friction covers

Typ Crelast	EC red EC white* elastic	EC maroon elastic
Quality of rubber	Natural rubber 40 ShA	Natural rubber 50 ShA
Properties	wear-resistant, *FDA conform	highly wear-resistant
Temperature resistance	60 °C	60 °C
Force- and tension-values		
at 5%	0.09 N/mm ²	0.14 N/mm ²
at 10%	0.16 N/mm ²	0.25 N/mm ²
at 20%	0.28 N/mm ²	0.43 N/mm ²
Pretension	The produced diameter is generally 1 mm to 2 mm smaller than the diameter of the axe/pulley.	
	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

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