

Technical data
HEVALOID® / CRELAST® Endless-Feeder belts
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 ²	0.14 N/mm ²	0.5 N/mm ²	0.5 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	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

HEVALOID® / CRELAST® Endless-Feeder belts

Feeder and conveyor belts, length stable

Type Hevaloid	ECT 06 red ECT 06 white* non-elastic	ECT 06 maroon non-elastic	ECG 06 red ECG 06 white* non-elastic	ECG 06 maroon non-elastic
Tensile member	Polyester fabric, endless woven			
Pulley side	gliding	gliding	rubberized	rubberized
Quality of rubber	Natural rubber 40 ShA	Natural rubber 50 ShA	Natural rubber 40 ShA	Natural rubber 50 ShA
Properties	wear-resistant, highest friction, *FDA conform	highly wear- resistant, high friction	wear-resistant, highest friction, *FDA conform	highly wear- resistant, high friction
Temperature resistance	60 °C	60 °C	60 °C	60 °C
Pretension	0.5 - 1.0 %	0.5 - 1.0 %	0.5 - 1.0 %	0.5 - 1.0 %
	endless vulcanized – no seam or splice			
Dimensions				
length	150 – 499 mm 500 - 9000 mm	+/- 1 % +/- 0.5 %		
width	3 - 140 mm 3 - 280 mm	+/- 1 mm +/- 1 mm		up to length of 499 mm longer than 500 mm
thickness	1.5 - 12.0 mm 3.0 - 8.0 mm	+/- 0.1 mm +/- 0.1 mm		up to length of 1999 mm longer than 2000 mm

Special production:

- surface grinded more fine or coarse
- with vacuum holes or diversity of grooves
- other dimensions or tighter tolerances
- other qualities of rubber, e.g. see product group 11 “Feeder belts FDA”
- inscription of country of origin, item number, etc.

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Minimum pulley-diameter for the feeder belts

	Crelast EC elastic	Hevaloid ECT 06 / ECG 06 length-stable	
Thickness of the belt	Recommended minimum diameter of the pulley		
[mm]	at 1 m/s [mm]	at 1 m/s [mm]	at 5 m/s [mm]
2	30	20	30
3	30	20	35
4	40	30	40
5	40	30	50
6	50	40	60
7	50	40	70
8	55	45	80
9	60	50	80
10	60	50	90
11	70	60	90
12	70	60	100

Larger pulley diameters are necessary in case of:

- increased speeds
- short belts (length below 1'000 mm)
- vacuum holes
- angle of contact wider than 180°

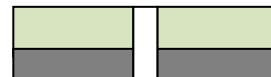
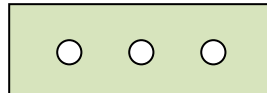
If required the optimal thickness of the belt has to be determined in the appropriate installation.

Technical data

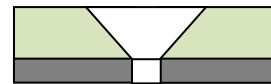
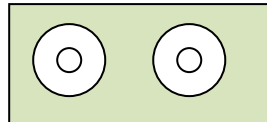
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Boring, milling and further processing

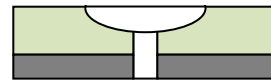
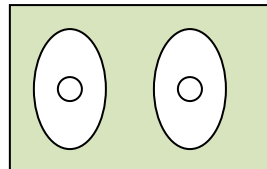
Vacuum holes cylindrical



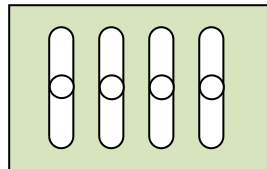
Vacuum holes conical



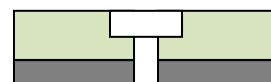
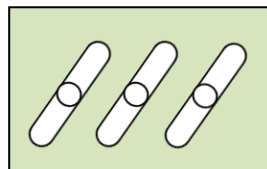
Vacuum holes with oval millings



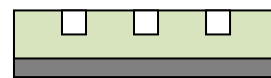
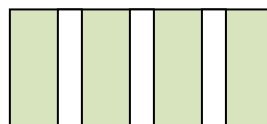
Vacuum holes with cross millings



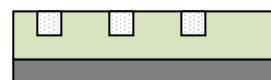
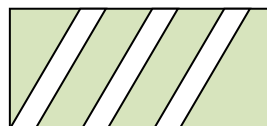
Vacuum holes with diagonal millings



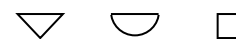
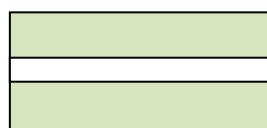
Grooves cross



Grooves diagonal



Grooves longitudinal for pull-out



Self-tracking -guides

