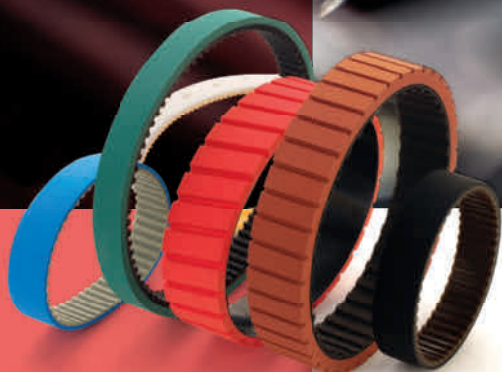




ALL ROUND STRONG BELT SOLUTIONS

FLAT BELTS, ENDLESS
COATINGS AND
HIGH-PERFORMANCE
ROUND BELTS



HEVALOID®
CRELAST®
RONDLAST®

graf ∞
ENDLESS BELTS



Inquire now: [grafbelts.ch](https://www.grafbelts.ch)



TRULY ENDLESS, TRULY SUSTAINABLE...

Not all endless belts are truly endless.

Our endless belts are made according to a unique process – where no splice and no seam occurs! The highest application security in long-term working does beat the spliced “endless” several times. Furthermore, we have a very deep production density, which allows us a quick and flexible response according to your specific demands.

We would be pleased to support you with our long standing experience.

Edgar Seiz

Managing Director

Please feel free to call us

+41 71 868 60 60

graf ∞
ENDLESS BELTS

HEVALOID®
CRELAST®
RONDLAST®

1 HEVALOID®

FLAT BELTS LENGTH-STABLE

Power transmission and conveying belts
ATM belts semi-elastic
Feeder belts
Tube winder belts
Haul-off belts

2 CRELAST®

FLAT BELTS ELASTIC

Power transmission and conveying belts
Feeder belts
Roll and friction covers
Conveying belts semi-elastic

3 RONDLAST®

ROUND BELTS DURABLE

High-performance round belts

4 SOLUTUS®

LEATHER AND FLEECE BELTS

Power transmission and conveying belts

5 COATINGS

Endless coatings
Special processings

6 OUR PROCESSES

Truly endless – no splice, no seam

7 OUR LOCATION

Production site
Staad SG | Switzerland

graf ∞
ENDLESS BELTS



Did you know?

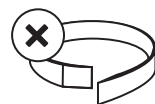
Dipl. Ing.
Werner Graf
AG is 100%
independent and
completely
autonomous.



TRULY ENDLESS
no splice, no seam



**"ENDLESS"
FINGER SPLICE**
prone to vibration



**"ENDLESS"
WEDGE SPLICE**
prone to small radius

HEVALOID®
CRELAST®
RONDLAST®

1 FLAT BELTS LENGTH-STABLE

Power transmission
and conveying belts
ATM belts semi-elastic
Feeder belts
Tube winder belts
Haul-off belts

HEVALOID®



HEVALOID®
length-stable

The length-stable flat belts consist of a endless woven polyester carcass coated with synthetic rubber.

These belts are reliable due to the high performance in any power transmission and conveying application. The production of truly endless belts results in very length-stable, high flexible and perfect running belts.

Additionally, the black chloroprene rubber is very resistant against abrasion, is anti-static and perfectly designed for highest power transmission.

We design the belts exactly according your requirements (FDA, ATEX, RAL-colour).

TYPE 5005

TYPE 535

TYPE V 11185

FLAT BELTS LENGTH-STABLE

Power transmission and conveying belts

Length-stable flat belts consist of a endless woven polyester carcass coated with synthetic rubber.

- tear resistant
- starting at diameter 4 mm
- precise

➤ See also data sheet no. 2



TRULY ENDLESS

FLAT BELTS HEVALOID SE

ATM belts semi-elastic

These endlessly woven ATM belts are made of semi-elastic fabric and are coated with the highest quality rubber. They transport bank-notes, tickets, coins and credit cards in ATMs reliably and precisely.

- **reliable**
- **precise**
- **proven**

➤ See also data sheet no. 2

HEVALOID SE 2,00 MM HEVALOID SE 1,00 MM HEVALOID SE 0,65 MM



TYPE ECT 06 RED

TYPE ECG 06 RED

TYPE ECG 06 WHITE (FDA)



FLAT BELTS LENGTH-STABLE

Feeder belts

The feeder belts are made of high quality natural rubber (NR) – similar to LINATEX. These specially developed rubber qualities guarantee a constant high friction and excellent resistance against abrasion.

- **resistant against abrasion**
- **no splice, no seam**
- **highest feeding performance**

➤ See also data sheet no. 3

FLAT BELTS LENGTH-STABLE

Tube winder belts

Tube winder belts consist of an endless woven polyester carcass coated with synthetic rubber. They have been successfully used for years in tube winder machines as well as in caterpillar units. The production of truly endless belts results in very length-stable, high flexible and high performing belts.

- long lasting
- no seam, no splice
- easy bending

➤ See also data sheet no. 6

TYPE 535 TW

TYPE 568 TW

TYPE 595 TW



SWISS MADE

TYPE WIRE FEEDER

TYPE CATERPILLAR

TYPE VFFS

FLAT BELTS LENGTH-STABLE

Haul-off belts

Wire feeder | Caterpillar | VFFS

These endless haul-off belts are used in all kinds of extruders, e.g. in caterpillar haul-offs for cables, wires, pipes, hoses, profiles, etc.. Depending on the required pull-off force and wear resistance, a range of soft to very hard rubber qualities can be used (40 – 75 ShA).

- resistant against abrasion
- no seam, no splice
- highest feeding performance

➤ See also data sheet no. 7



CUSTOMISED

2

FLAT BELTS ELASTIC

Power transmission
and conveying belts
Feeder belts
Roll and friction covers
Conveying belts semi-elastic

CRELAST®



CRELAST®
elastic

Flat belts are elastic and endless cured according to our unique truly endless process. The precise manufacturing length LO results in the desired tension force for any low power transmission and/or exact conveying application.

For conveying and feeding of «paper» we have developed our EC-flat belt types, made of natural rubber (NR)- similar to LINATEX. Natural rubber guarantees a constant high friction coefficient and excellent resistance against abrasion.

With the various rubber qualities at our disposal, we design the belts exactly according to your requirements (FDA, ATEX, RAL-colour).

TYPE CRELAST BLACK

TYPE CRELAST BLUE

TYPE CRELAST WHITE (FDA)

FLAT BELTS ELASTIC

Power transmission and conveying belts

Flat belts are elastic and endless cured according to our unique truly endless process. The precise manufacturing length LO results in the desired tension force for any low power transmission and/or exact conveying application.

- reliable
- highest coefficient of friction
- customer-specific

➤ See also data sheet no. 4



SHORT
DELIVERY TIMES

FLAT BELTS ELASTIC

Feeder belts

These elastic endless flat belts convince due to their constant high friction coefficient and the excellent resistance against abrasion. They are perfectly developed for any kind of feeding and conveying applications.

- resistant against abrasion
- no splice, no seam
- highest feeding performance

➤ See also data sheet no. 3

TYPE CRELAST EC WHITE (FDA) TYPE CRELAST EC MAROON TYPE CRELAST EC RED



TYPE CRELAST EC WHITE (FDA) TYPE CRELAST EC MAROON TYPE CRELAST EC RED

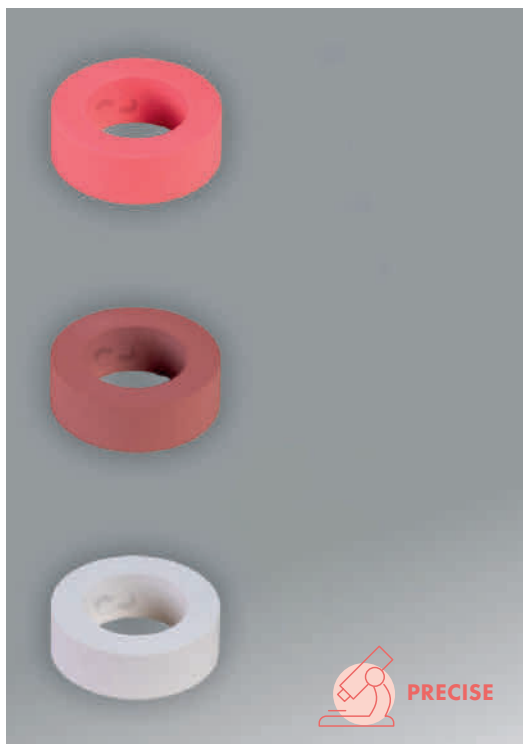
FLAT BELTS ELASTIC

Roll and friction covers

The reliable and most durable endless cured roll and friction covers convince due to their precise and homogenous surface, exceptional high running time and easy fitting.

- resistant against abrasion
- highest feeding performance
- customised

➤ See also data sheet no. 5



PRECISE

FLAT BELTS ELASTIC

Conveying belts semi-elastic

CRELAST® SE-flat belts are semi-elastic belts with a premium conveying profile on a reinforced basic belt. The conveying belt has been developed for high-performance applications, to be able to transmit any start/stop movement without any lag of time.

- **reliable**
- **highest coefficient of friction**
- **customer-specific**

➤ See also data sheet no. 10

TYPE CRELAST SE WHITE (FDA) TYPE CRELAST SE GREEN (FDA) TYPE CRELAST SE BLUE



«I want to positively
influence the quality and
lifetime of our endless
belts every day»



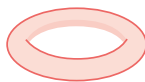
Did you know?

We manufacture 5,000 different items each year and supply over 250,000 belts and tapes.

3 ROUND BELTS DURABLE

High-performance round belts

RONDLAST®



RONDLAST®
durable

Round belts for high-performance sorting and conveyor systems, roller conveyor systems with drum motors and vertical shafts in 24/7 continuous operation impress with 100% pure material and perfectly welded, extra-strong and endless connections. Added to this are the cost-effective, energy-saving and very safe advantages.

The round belts with TPU ester and TPE Hytrel quality are powerful enough to withstand extreme loads and work safely under the toughest conditions. These include cold and chemical resistant as well as FDA and abrasion resistant qualities. Special designs are possible.

ROUND BELTS DURABLE

High-performance round belts

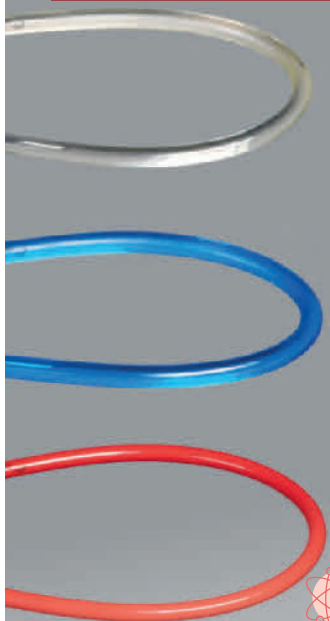
Power transmission | Conveying

Round belts for high-performance sorting and conveyor systems, roller conveyor systems with drum motors and vertical shafts in 24/7 continuous operation impress with 100% pure material and perfectly welded, extra-strong and endless connections.

- **reliable**
- **highest durability**
- **enormous lifespan**

➤ See also data sheet no. 12

TYPE PU RED 90 SHA TYPE PU CLEAR BLUE 85 SHA TYPE PU CLEAR 83 SHA



**HIGHEST
QUALITY**

4 LEATHER AND FLEECE BELTS

Power transmission
and conveying belts

SOLUTUS®



SOLUTUS®
endless

SOLUTUS®-flat belts consist of endlessly wound polyester yarns. The basic belts consist of leather, fleece or multiply (high lateral stiffness) carcass. These truly endless belts have been used for years in oily machine drives as well as for conveying applications (i.e. cardboard or metal sheets).

Special designed belts with endlessly wound steel cords are applied for very length-stable transmission belts (LP 63 S) i.e. for small power stations and news paper printing plants.

LEATHER AND FLEECE BELTS

Power transmission and conveying belts

SOLUTUS®-flat belts consist of endlessly wound polyester yarns. The basic belts consist of leather, fleece or multiply carcasses. These belts have been used for years in oily machine drives as well as for conveying applications.

- **very reliable**
- **high flexible**
- **perfect running**

➤ See also data sheet no. 9

TYPE LEATHER LP

TYPE LEATHER LL

TYPE FLEECE WV



**MANY YEARS OF
KNOW-HOW**

5 COATINGS

Endless coatings
Special processings



PROCESSINGS special

All the belts can be processed according to your desire, i.e.:

- customised **vacuum holes**
- **millings/grooves** alongside or lateral
- apply **self-tracking-guides**
- structures **fine/coarse** on surface
- **marking** of the belts

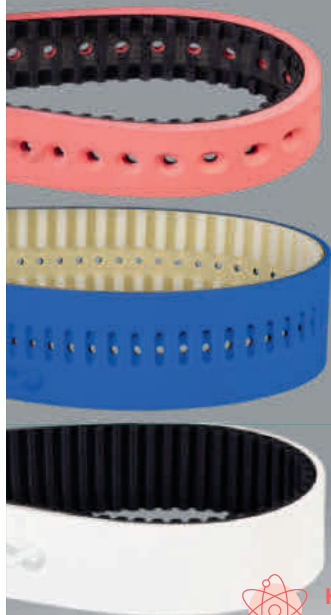
If you are looking for other specific processings, please do not hesitate to call us.

- **precise**
- **customer-specific**
- **personalised**

TYPE RUBBER

TYPE SILICONE

TYPE POLYURETHANE



HIGH QUALITY
RAW MATERIALS

COATINGS

Endless coatings

Rubber | Silicone | Polyurethane

We are specialised in endless coating of flat, timing and poly-V-belts. The endless coatings - no seam or splice - are successfully used in the packaging and printing industry, as well as in caterpillar units.

- **resistant against abrasion**
- **no seam, no splice**
- **customer-specific**

➤ See also data sheet no. 8

6 OUR PROCESSES

SUSTAINABILITY

You can expect sustainably produced products at all times from us: products that are ecologically, economically and socially compatible.



DIMENSIONS

Length	150	–	9000 mm
Width	3	–	280 mm
Thickness	0.5	–	12.0 mm



**We make «truly endless»
drive and conveyor belts**

1

MANUFACTURE OF FABRIC

From endlessly woven fibres, traction layers that are stable lengthways are manufactured to a precise length.

6

QUALITY CONTROL/ DISPATCH

Customer- and applicationspecific checks are carefully carried out. In some cases with certification. Prompt dispatch takes place subsequently.

2

GUMMING OF FABRIC

The calibrated fabrics are covered and coated with raw rubber compounds.

5

CUTTING/ FINISHING

Under the defined tension force, the individual belts are cut, perforated, milled or even marked.

3

VULCANISATION AND BELT COATING

Each flat, timing and Poly-V belt is endlessly coated with high-quality rubbers and plastics.

4

GRINDING/ MILLING

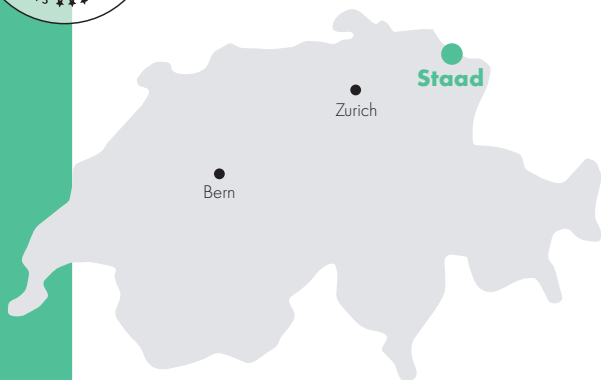
The belts and tapes are ground to a precise thickness across their full width.



7 OUR LOCATION



HEVALOID®
CRELAST®
RONDLAST®



The Dipl. Ing. Werner Graf AG was founded in 1939 and changed into a limited company in 1978. Under our registered brand names HEVALOID® - CRELAST® - RONDLAST® we produce and supply truly endless power transmission belts, precise conveyor tapes, endless coatings and high-performance round belts. The high quality and reliability convince our worldwide customers (OEM, representatives and end-users) for more than 80 years.



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