

A close-up photograph of industrial machinery. A long, polished metal rod is being processed by two large, yellow rollers. The rollers have a dark grey, textured surface. The machinery is made of dark grey metal and includes various gears, shafts, and a red component. The background is a plain, light-colored wall.

SpanSet secutex®

One layer better.

Lifting
Protection
Materials

Tubes / steel rods

SpanSet International

„The world becomes more colorful with SpanSet“

Many developments that are now in general use come from SpanSet. For example, the color coding of lifting slings and round slings was developed at our company to better identify these slings, which were historically single-colored or raw-white. Other important developments were made in the field of round slings and lashing systems, still today SpanSet is the market leader in the field of high quality textile slings and round slings and lashing systems.

„Strong as steel , but light and easy to use“

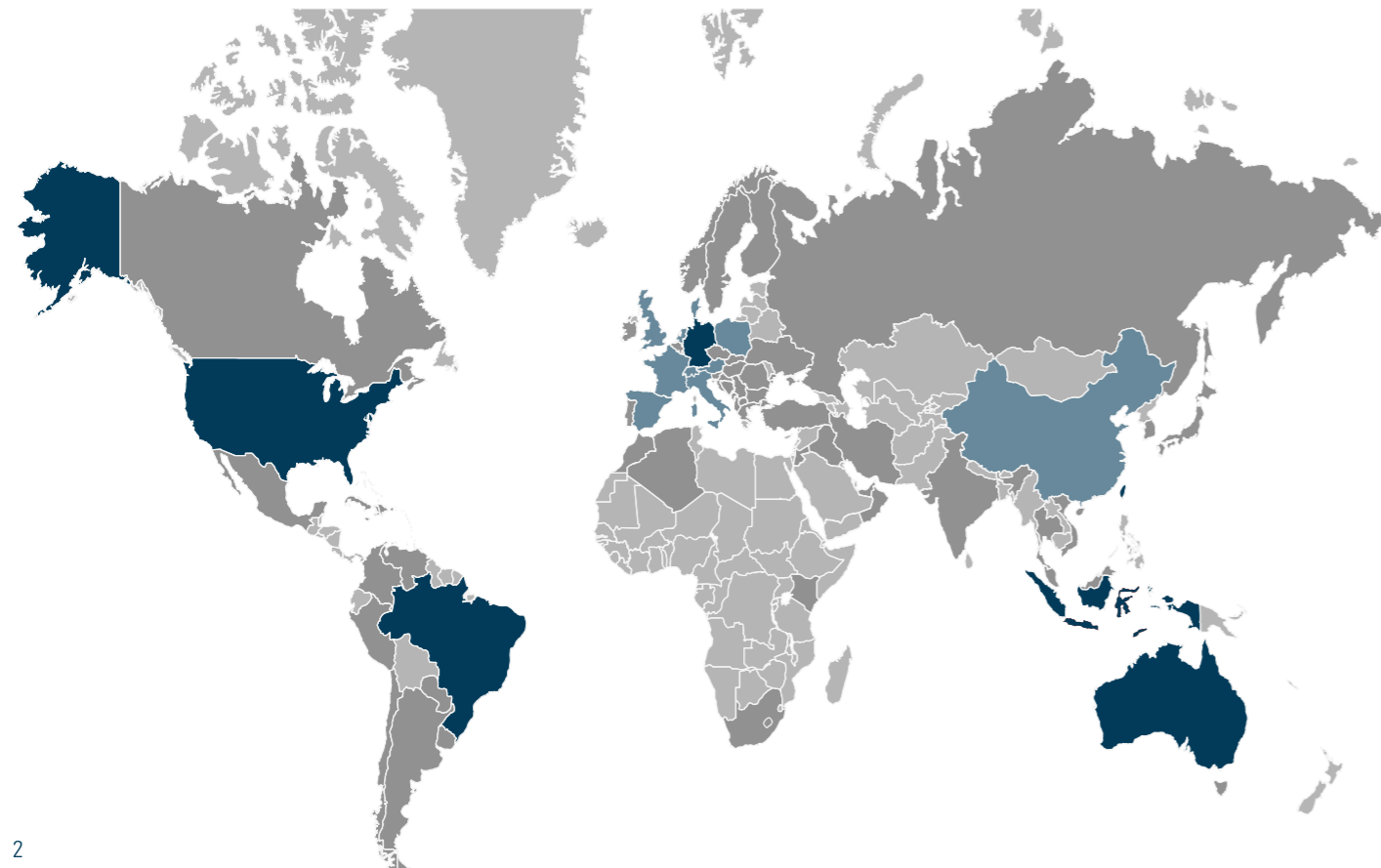
SpanSet is the expert in lifting, load securing and high safety, many patented innovations like the production of round slings or the lashings with pull ratchet come from us. Other product highlights were the cut-resistant secutex coating and the Magnum round slings.

The starting point was the co-development of the car safety belt together with Volvo in Sweden in 1959. The demand for textile slings made of synthetic fibers became greater and greater, so that SpanSet was founded in the 1960s.

SpanSet is an owner-managed and internationally operating group of companies with its headquarters in Switzerland. More than 800 employees work for us, we have our own branches in more than 20 countries and factory representatives in almost all industrial countries of the world.

Global and local: Even if not all products are produced at all locations, we can provide our internationally operating customers with competent on-site advice and all-round supply.

SpanSet worldwide



SpanSet secutex

SpanSet secutex Sicherheitstechnik GmbH was founded in 1982 by Heinz Franke and SpanSet GmbH.

At the beginning, the company was mainly active in the development of protection coatings for textile lifting slings and lashing equipment. This was also the birth of secutex, secutex is now the name for „Safe Textile.“

Over the years, secutex has developed into one of the largest manufacturers of compact polyurethane and is now the leading producer of polyurethane-coated lifting slings and protective sleeves. Over the years, we have added technical polyurethane products such as molded parts for mechanical engineering, rollers and roller coatings, fork protection and other surface protection products.

With our own mold making facilities, we are able to engineer individual solutions for the customers and produce them ourselves. Additional to the already existing casting systems, various spraying systems were developed in the next stage of development.

secutex is a highly wear-resistant polyurethane, which was developed for the lifting of sharp-edged components and for the surface protection of sensitive materials – such as coils and copper pipes.

New ideas are consequently transformed into new products. Today, almost all coil stores in Europe are equipped with secutex coil mats and secutex Coilprotect. The secutex protection is almost the industry standard for lifting and storing sharp-edged metal sheets. All products are produced in Germany and distributed directly and worldwide through SpanSet locations and its large network of distributors.

Today, secutex with its almost 70 employees is looking at a wide range of applications and is now a powerful problem solver in many situations to support our customers.

Coil storage

Different standard and customized solutions are available for the storage of coils and split coil.



Coil mat with handle



Coilprotect Semi with safety rods



Coil mat with end block



Coilprotect Modular



Coilprotect Altus Pro



Transport rack for Coils

Protection

Protection in various designs and hardnesses is perfect for use in machinery construction and for maintenance work.



Protection for pipe straightening system



Turning mat



Decoupler socket

Rollers

Rollers, screws and rollers for transportation within the processing line can be coated with secutex.



Heat-resistant and slotted draw-in rollers



Guide and pressure rollers with replaceable inner core



Rollers for transporting of sensitive profiles

Prong protection

Fork and thorn coatings for the safe and non-damaging transportation of sensitive goods.



Coating Fork prongs and fork backs

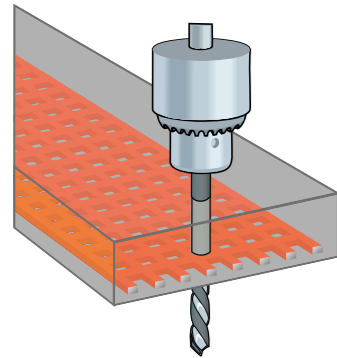


Soft backs with fastening slots



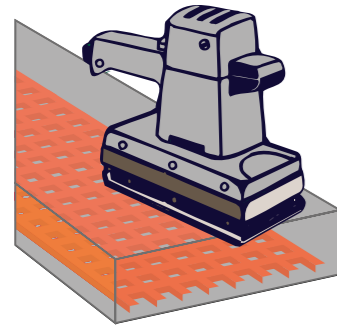
Coil shoe without entry chamfer

Machining



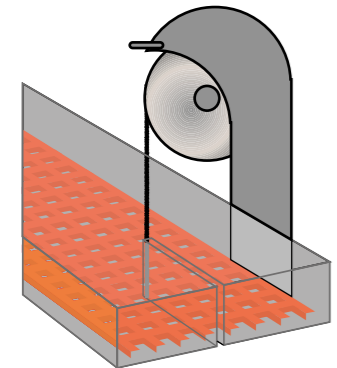
Drilling

No special tools are required. Normal wood or metal drills are adequate. Cutting speed around 40 m/min; feed rate around 0.01 to 0.03 mm/rev. At low Shore hardnesses, secutex can expand. Therefore, the hole can end up being up to 5% smaller.



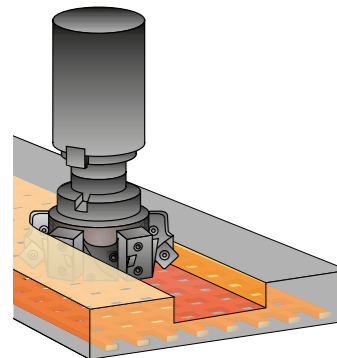
Grinding and roughening

secutex can be machined using a belt grinder (normal grain or with a ceramic bond). Important! Grinding speed approx. 30 to 50 m/sec.



Cutting and sawing

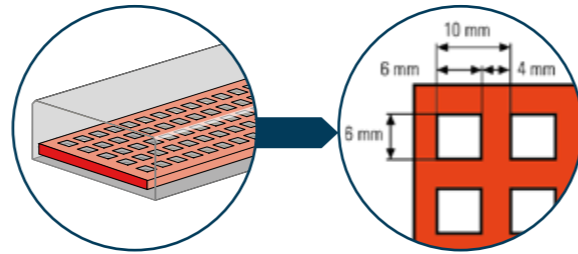
The secutex material may be sawn using a conventional band saw. The material will attempt to resist the cutting tool. Use as low a wedge angle as possible and, if necessary, adjust the cutting speed.



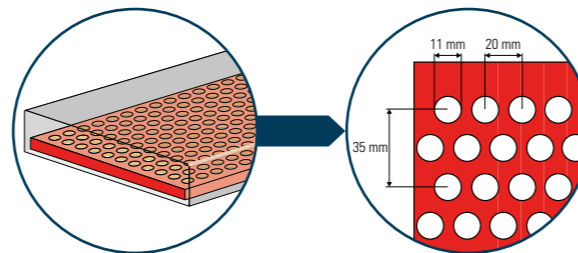
Milling

Use commercial milling cutters with low numbers of teeth.

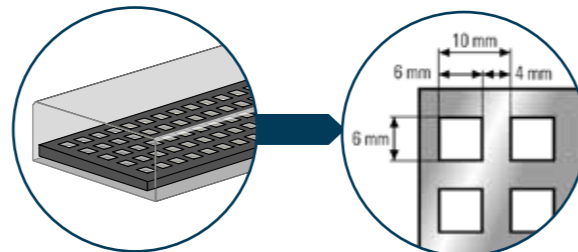
Perforated plate insert Standard 2 mm



Perforated plate insert heavy duty version 5 mm

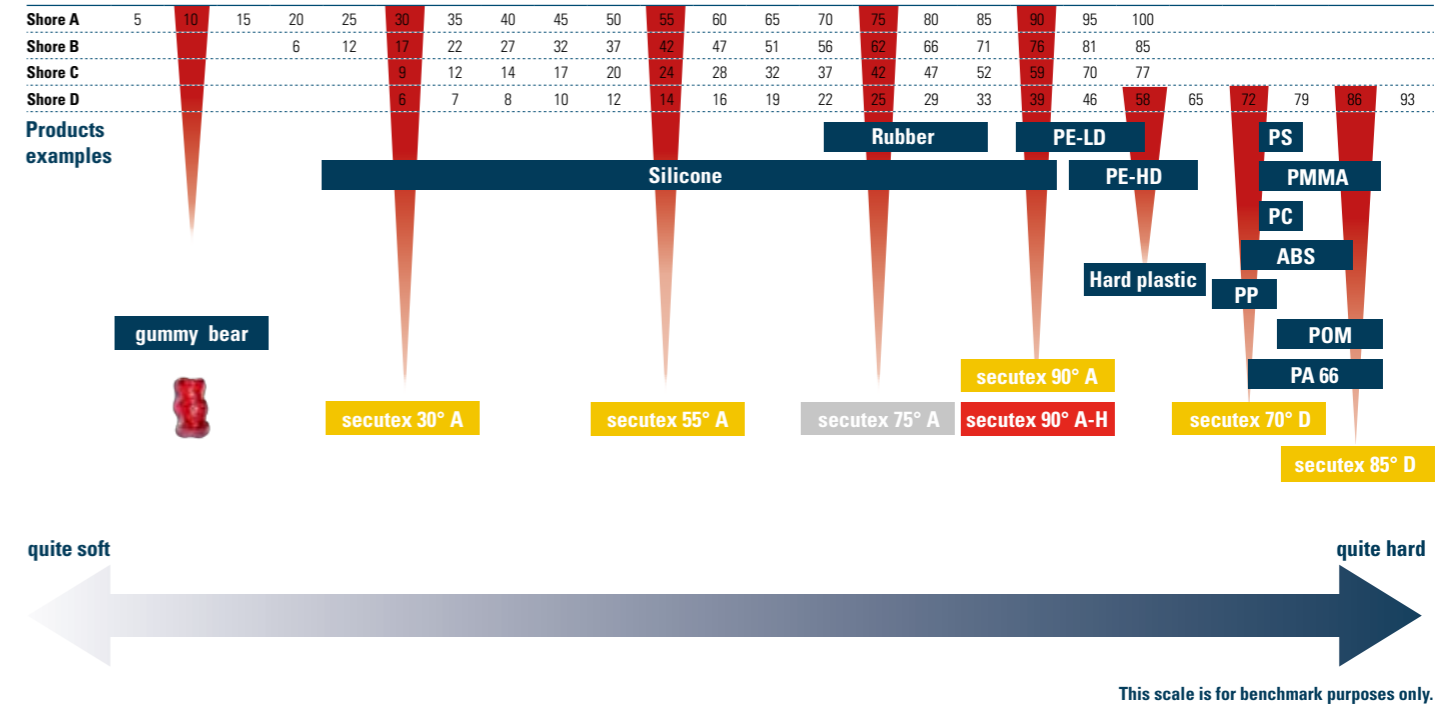


Stainless steel plate 2 mm



secutex-Service: During production, holes, stepped holes and threads are incorporated during casting in accordance with customer specifications and exact measurements. Stamping can also be performed in-house.

Reference tables materials



Our standard elastomers

Product			secutex 55	secutex 75	secutex 90	secutex 90 heat
Color			yellow	transparent	yellow	red
Shore hardness at 23 °C	DIN ISO 48-4	Shore	55 A	75 A	90 A	90 A
Tensile modulus of elasticity	DIN EN ISO 527-2	N/mm ²	2,7	15,3	19,7	21,9
100 % yield strength	DIN EN ISO 527-2	N/mm ²	1,2	6,0	6,6	7,0
300 % yield strength	DIN EN ISO 527-2	N/mm ²	1,5	8,0	9,7	17,4
Tensile strength	DIN EN ISO 527-2	N/mm ²	2,8*	12,7*	11,6	24,1
Tensile elongation	DIN EN ISO 527-2	%	660*	660*	378	337
DVR (15%, 70°C, 24 h)	DIN ISO 815	%	n.b.	n.b.	37	35
DVR (25%, 70°C, 24 h)	DIN ISO 815	%	24	51	n.b.	n.b.
Density	DIN EN ISO 1183-1	g/cm ³	1,10	1,22	1,11	1,21
Compressive modulus 10%	DIN ISO 7743	N/mm ²	2,9	12,0	15,0	20,3
Compressive modulus 20%	DIN ISO 7743	N/mm ²	3,3	14,0	20,2	23,8
Rebound resiliance	DIN ISO 53512	%	68	42	26	21
Further tensile strength	DIN ISO 34-1, B (b)	kN/m	7,0	25,0	23,0	30,0
Abrasion	DIN ISO 4649	mm ³	130	125	163	60
Service temperature	-	°C	-20 C bis 80 C	-40 C bis 100 C	-20 C bis 80 C	-20 C bis 140 C

* No fraction | n.b. not determined

PROTECTION

SPL-F impact protection for bolting

Dimensions

Thickness	min. 10 mm
Width	30-1000 mm
Length	Standard-Length 3 m

Surface	Smooth Polished Fabric Pyramid						
PUR options	<table border="0"> <tr> <td>secutex Transparent</td> <td>75</td> </tr> <tr> <td>secutex Yellow</td> <td>55 75 90</td> </tr> <tr> <td>secutex Red „Heat“</td> <td>90</td> </tr> </table>	secutex Transparent	75	secutex Yellow	55 75 90	secutex Red „Heat“	90
secutex Transparent	75						
secutex Yellow	55 75 90						
secutex Red „Heat“	90						
Perforated plate options	Perforated plate Steel base heavy duty version stainless steel plate						

Our most popular product – secutex impact protection including a perforated plate. Easy and flexible to use and safely secured with the perforated plate serving as reinforcement and providing a universal impact protection in next to no time.

Advantages of the perforated plate insert:

- The perforated plate insert prevents longitudinal and lateral extension.
- Simple to secure by bolting and riveting

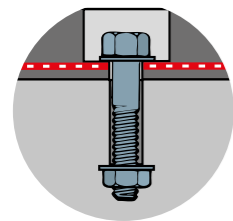
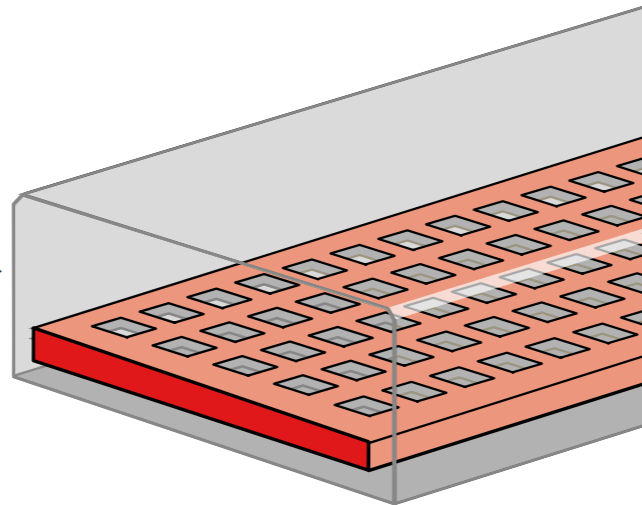
Areas of application:

- Walls, floors, surfaces to be protected, transportation equipment

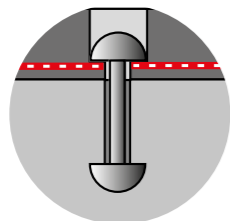
- Everywhere, where goods are to be protected
- Reduces wear
- Noise reduction, collision protection

Examples:

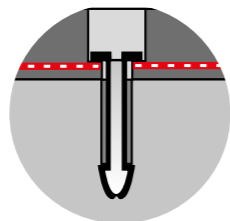
- Collecting troughs
- Grippers
- Sheet metal boxes
- Lifting trucks
- Marina jetties
- Coil hooks
- Stackers
- Corner protection
- Wall and surface protection



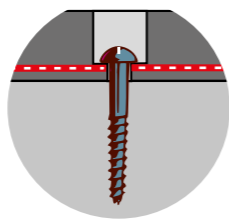
Machine bolt + nut



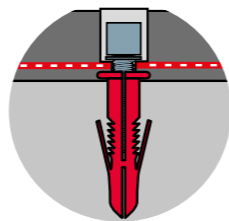
Blind rivet



Rivet from front



Wood screw from front



Hexagon socket screw + wall plug



PROTECTION

SPL-F welded impact protection

Dimensions

Thickness	min. 10 mm
Width	30-1000 mm
Length	Standard-Length 3 m

Conditions are not always the same with regard to impact protection requirements and fixing options. The product must be flexible. secutex provides a solution for all applications. Welding is often the most simple and secure fixing method. The different perforated plate types allow a wide range of applications.

Advantages:

- Simply weld to work piece
- No accurate repeated drilling is required
- No holes in secutex impact protection material
- Completely smooth impact protection surfaces

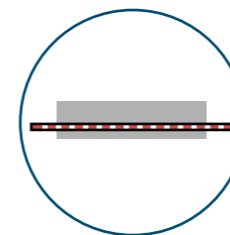
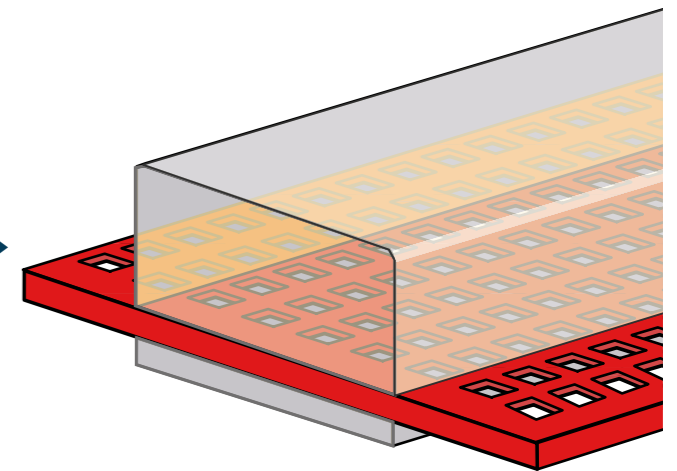
Areas of application:

- On all metal surfaces
- On thin metal walls
- Everywhere, where material cannot be bolted or no holes can be drilled

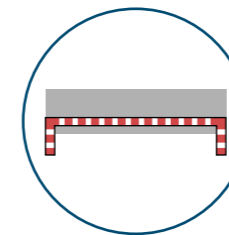
Examples:

- Collecting troughs
- Sheet metal boxes
- Side railings
- Containers
- Stackers
- Grippers
- Support protection
- Lifting trucks
- Fork protection

Surface	Smooth Polished Fabric Pyramid						
PUR options	<table border="0"> <tr> <td>secutex Transparent</td> <td>75</td> </tr> <tr> <td>secutex Yellow</td> <td>55 75 90</td> </tr> <tr> <td>secutex Red „Heat“</td> <td>90</td> </tr> </table>	secutex Transparent	75	secutex Yellow	55 75 90	secutex Red „Heat“	90
secutex Transparent	75						
secutex Yellow	55 75 90						
secutex Red „Heat“	90						
Perforated plate options	Perforated plate Steel base heavy duty version stainless steel plate						



Perforated plate protruding over sides



Perforated plate, protruding over sides, angled 90°

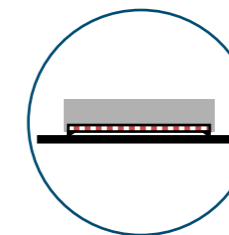
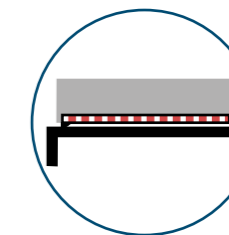
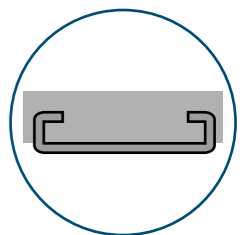


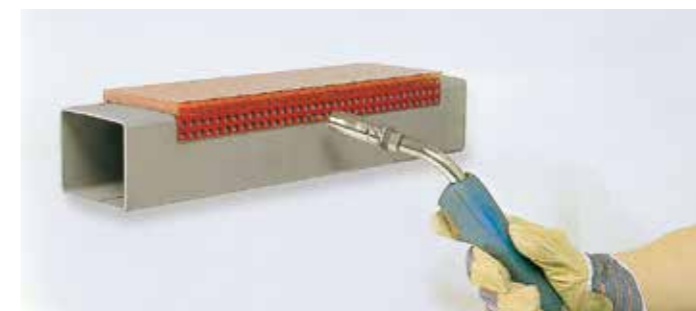
Plate protruding over sides



Plate, protruding over sides, angled 90°



C rail small/large



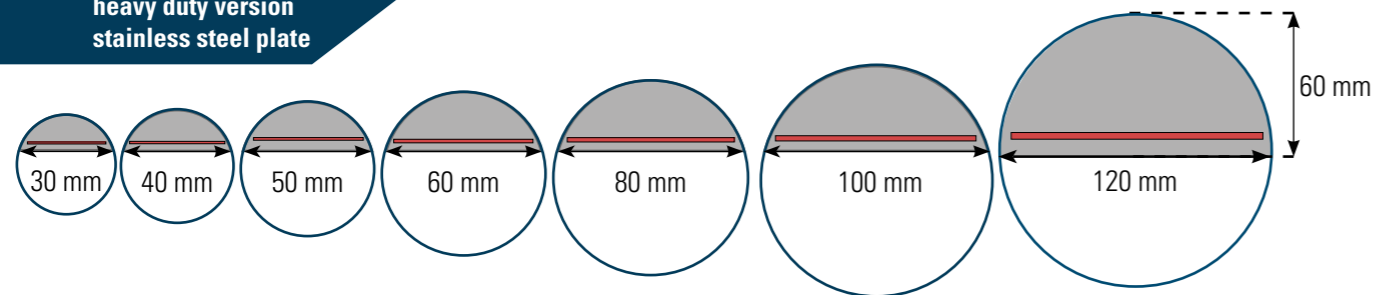
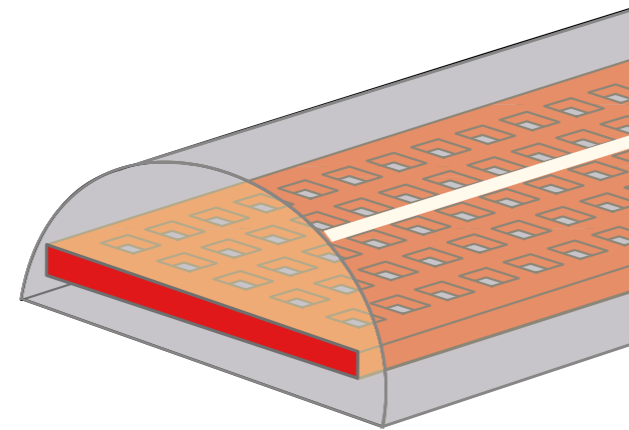
PROTECTION

Semicircular SPL-HR
Angle SPL-W

Dimensions

Diameter	30 mm - 120 mm
Length	Standard 3 m

Surface	Smooth Polished	
PUR options	secutex Transparent secutex Yellow secutex Red „Heat“	75 55 75 90 90
Perforated plate options	Perforated plate Steel base heavy duty version stainless steel plate	

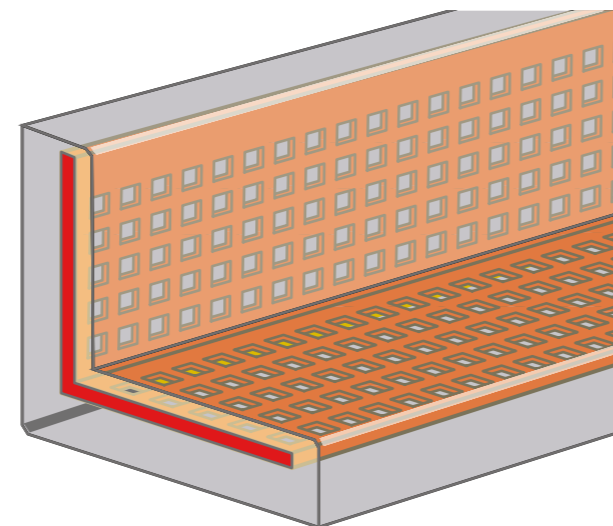


Dimensions

Thickness	10 mm 15 mm 20 mm
Length of legs*	50 mm 75 mm 100 mm
Length	Standard 3 m

*Other leg length on request

surface	Smooth Polished	
PUR options	secutex Transparent secutex Yellow secutex Red „Heat“	75 55 75 90 90
Perforated plate options	Perforated plate Steel base heavy duty version stainless steel plate	



PROTECTION

SPL-HP

Sometimes, a hollow design offers the best solution, as the bigger the deformable zone, the higher the impact protection. This does not only apply to cars but everywhere where impact protection is required. Hope for the best – expect the worst. Protect your goods against damage! secutex PROFILE is hollow – but for a very good reason.

Advantages:

- Highly flexible
- Precise positioning of cavities ensures large „deformable zones“
- Cushioned impact protection

- Profiles for sliding on to „C“ sections made from metal, concrete or wood

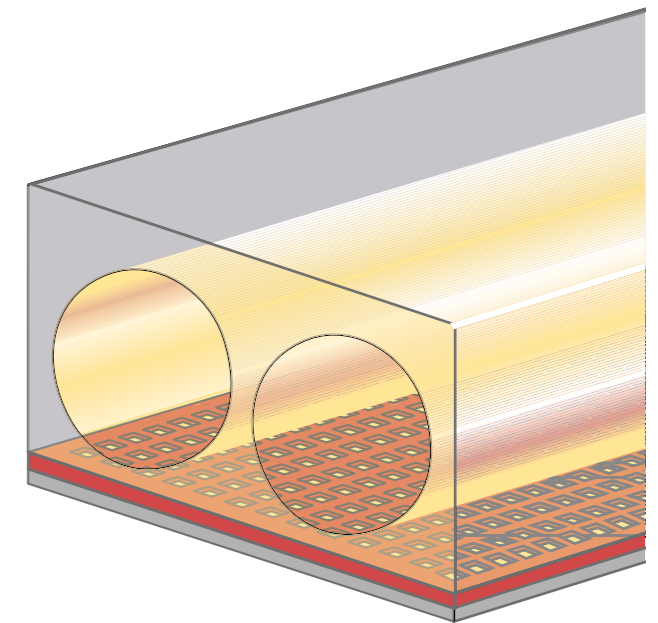
Areas of application:

- Edge protection
- Shock protection
- Partial padding
- Impact protection

Examples:

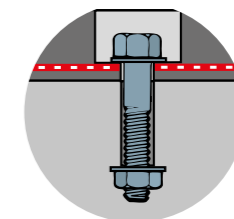
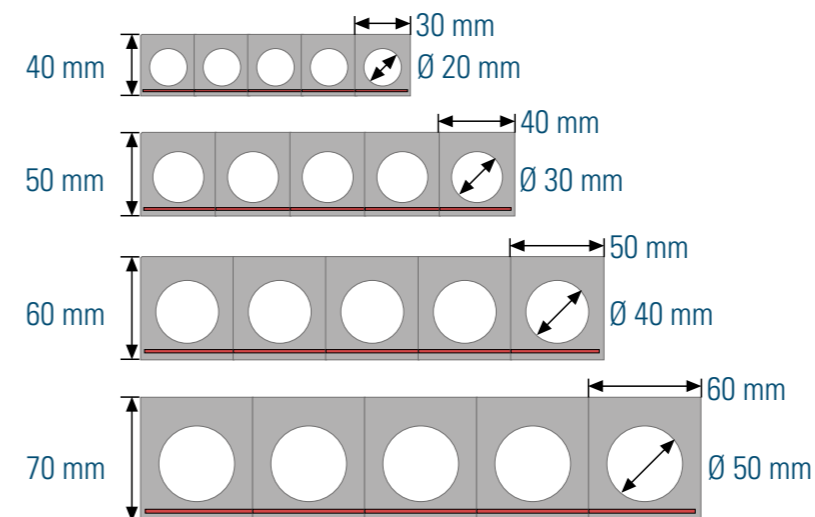
- Pipe protection and insulation
- Machine parts
- Boat fenders
- Car parts
- Pipe guides

Surface	Smooth Polished	
PUR options	secutex Transparent secutex Yellow secutex Red „Heat“	75 55 75 90 90
Perforated plate options	Perforated plate Steel base heavy duty version stainless steel plate	

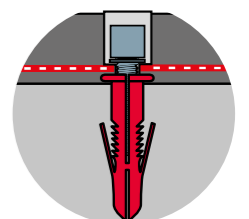


Options:

Diameter of holes [mm]: 20, 30, 40, 50
Number of holes: 1-5



Machine bolt + nut



Hexagon socket screw + wall plug

FORK PROTECTION

secutex fork protection shoes

secutex fork protection shoes
protect your loads



SZ-S1

Standard design with flexible tip

The standard configuration is designed for flexible use. It offers simple and quick manipulation and is designed to be suitable for most applications. Specially developed „Flexotip“ protects load and fork protection.

secutex fork protection shoes are also available in stainless steel; e.g. for the food industry.

SZ-SSL

Heavy duty design with steel tip

The SZ-SSL is a specially designed fork protection shoe for heavy duty use.

The sturdy steel construction with steel tip is especially constructed for hard continuous use.

SZ-HR

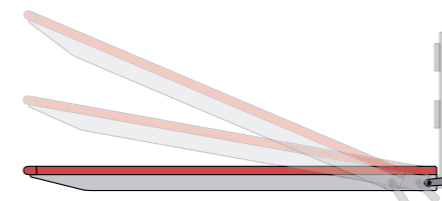
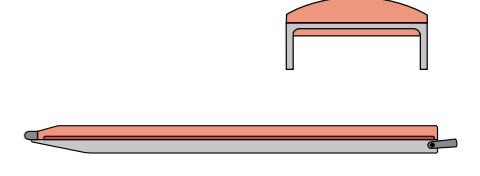
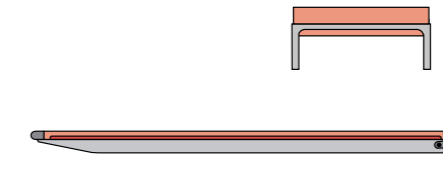
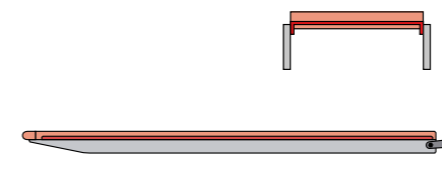
Fork protection shoe (semicircular design)

This prong protection shoe has a semi-circular impact protection surface. This way, round loads like concrete pipes and wire spools can be transported safely and gently. The angled prongs facilitate the loading.

Type	Internal width [mm]	External width [mm]	Coating [mm]
SZ-S1	+5 - 8	+15 - 20	12

Type	Internal width [mm]	External width [mm]	Coating [mm]
SZ-SSL	+5 - 8	+15 - 20	12

Type	Internal width [mm]	External width [mm]
SZ-HR	+5 - 8	+15 - 20



Please note:
Fork protection shoes have no carrying function.

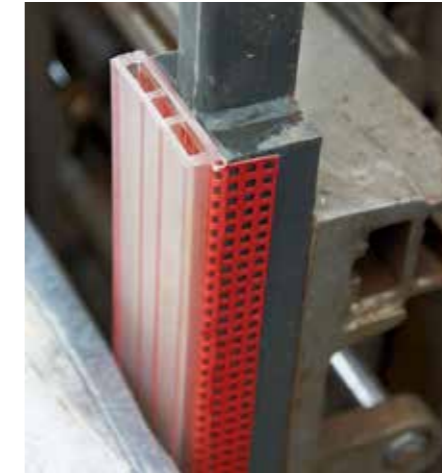
Surface structures

For special applications that will be affected by water, oil or ice, we offer special surfaces. Talk to your expert adviser!

FORK PROTECTION

Fork protection for fork backs

secutex fork protection
for fork backs



SZ-S2

For careful transport

secutex fork shank protection is used for careful transport of loads. The purpose is to prevent damage to the load during transport.

The fork shank protection is attached to the fork shanks via steel bands and is thus easily exchangeable.

Type	Internal width [mm]	External width [mm]	Coating [mm]
SZ-S2	+5 - 8	+15 - 20	12

SZ-S2 hollow profile

Sturdy with high damping activity

secutex fork shank protection with hollow profiles is robustly designed for the protection of the transported goods. The hollow cavities have a high damping effect during impact with the load. Areas of application include, for example, the transport of bricks in the brick industry or concrete pipes in the cement industry.

The fork shank protection is attached to the fork shanks via steel bands and is thus easily exchangeable.

Type	Internal width [mm]	External width [mm]	Coating [mm]
SZ-S2 HP	+5 - 8	+15 - 20	30

SZ-S2 Soft

For delicate goods

secutex fork shank protection with foam insert is designed for the careful transport of delicate goods. After impact the foam compresses, however reforms its shape once the load is lifted. Areas of application include, for example, the transport of delicate plasterboards and roof tiles etc.

The fork shank protection is attached to the fork shanks via steel bands and is thus easily exchangeable.

Type	Internal width [mm]	External width [mm]	Coating [mm]
SZ-S2 Soft	+5 - 8	+15 - 20	15 - 30

FORK PROTECTION

Fork protection for round loads
Fork protection for Coils

Fork protection
for round loads



SZ-C

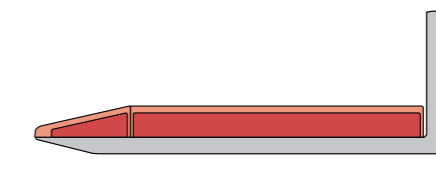
Coil fork protection with/without drive-in chamfer

Transport metal coils and wire rings safely and reliably using the secutex coil shoe.

The radius of the bearing surface is matched exactly to the internal diameter of the coil. Thus damage to material is reliably prevented. The coil sits securely thanks to the high friction of the secutex coating. It is almost impossible for the coil to slip off. The drive-in chamfer enables simple driving into the coil.

The coil fork protection is available with and without drive-in chamfer.

Type	Internal coil ø [mm]
SZ-C	400/500/600



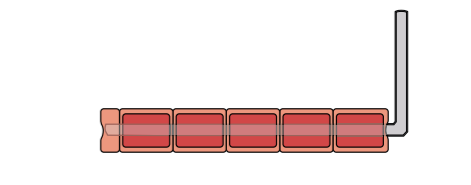
SZ-RM

Pipe module fork protection

The pipe module fork protection provides maximum protection for fragile, round loads. It is extremely wear-resistant, very slip-resistant and easily replaceable.

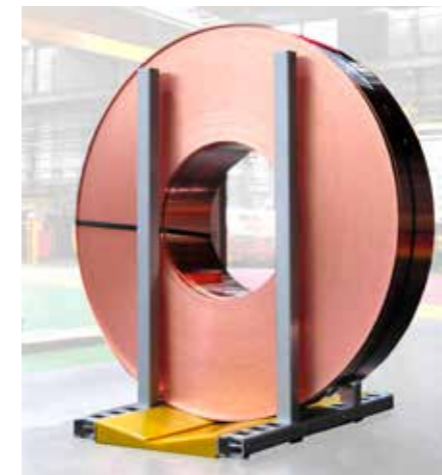
The pipe module fork protection is simply pushed onto the existing mandrel and fastened with the end cap. The individual modules are free-rotating and simply turn away if subjected to unfavourable stress.

Type	Module length [mm]	Wall thickness [mm]	End plate length [mm]
SZ-RM	250	15-20	90



Surface structures

For special applications that will be affected by water, oil or ice, we offer special surfaces. Talk to your expert adviser!



Safe storage of coils

Coilprotect „Altus“

High-profile coil rack

High-profile secutex coil cradle for long-term storage of coils of various sizes. This coil rack can only be loaded with a coil hook or coil tongs.

Options:

- Buffer pad made from heat-resistant secutex heat buffer pad
- Coated supporting rods
- Trolley for supporting rods
- End frame for diagonal and vertical storage

1	Height [mm]	Width [mm]	Length [mm]	Coil-ø [mm]
	206	1.225	1.000	1.200-2.400
	206	1.225	1.500	1.200-2.400
	206	1.225	2.000	1.200-2.400
	206	1.225	2.500	1.200-2.400
	206	1.225	3.000	1.200-2.400

Grid of the marker poles middle/middle: 125 mm

Coilprotect „Semi“

Low-profile coil rack

Low-profile secutex coil cradle for long-term storage of coils of all sizes. The coil cradle may be loaded using coil hook/coil tongs as well as with a forklift truck.

Options:

- Buffer pad made from heat-resistant secutex heat buffer pad
- Coated supporting rods
- Trolley for supporting rods
- End frame for diagonal and vertical storage

2	Height [mm]	Width [mm]	Length [mm]	Coil-ø [mm]
	80	675	1.000	800-2.000
	80	675	1.500	800-2.000
	80	675	2.000	800-2.000
	80	675	2.500	800-2.000
	80	675	3.000	800-2.000

Grid of the marker poles middle/middle: 100 mm

secutex modular coil storage

Flexible or durable!

The modular coil storage system (patent pending) is designed for flexible use as a coil mat or, in combination with the side tubes, for the permanent storage of coils and slit steel steel. With the coil mat, temporary storage can be set up quickly or existing warehouses can be expanded in the case of a bottleneck.

Options:

- secutex protection made of heat-resistant material „secutex Heat“
- Safety poles galvanised, additionally
- Transport trolley for the safety poles
- Safety poles, with secutex coating
- secutex end stop

Height [mm]	Width [mm]	Length [mm]	Coil-ø [mm]
70	700	1.000	800-2.000
70	700	2.000	800-2.000
70	700	3.000	800-2.000



Transport trolley for safety poles

Coilprotect „Altus Pro“

Coil storage with double staking row

The Altus Pro coil storage system has been developed to allow closer positioning of the coils and split rings. A second staking row has been integrated in an offset design. This coil storage can only be loaded with coil hooks or coil tongs.

Options:

- secutex protection support made of „secutex Heat“
- Staking rods, coated
- Transport trolley for stake-out rods
- End block for inclined and vertical storage

Height [mm]	Width [mm]	Length [mm]	Coil-ø [mm]
190	1.358	1.000	1.400-2.400
190	1.358	1.500	1.400-2.400
190	1.358	2.000	1.400-2.400
190	1.358	2.500	1.400-2.400
190	1.358	3.000	1.400-2.400

Grid of the marker poles middle/middle: 63 mm

Coilprotect „Premium“

Coil storage with low design

The Coilprotect Premium is a further development to the already existing Coilprotect Semi. The second set of stake enables an even closer stake out, especially for narrow slit strips.

The coil tray can be equipped with a coil hook and coil tongs. A fork lift assembly must be checked by the customer due to the greater width of the coil tray.

Options:

- buffer pad made of heat resistant bufferpad „secutex Heat“
- Coated supporting rods
- Trolley for supporting rods
- End frame for diagonal and vertical storage

Height [mm]	Width [mm]	Length [mm]	Coil-ø [mm]
80	833	1.000	800-2.000
80	833	1.500	800-2.000
80	833	2.000	800-2.000
80	833	2.500	800-2.000
80	833	3.000	800-2.000

Grid of the marker poles middle/middle: 50 mm

COILPROTECT

secutex coil mats
secutex Protect
secutex transport racks

Safe storage of coils



secutex coil mat (max. 25ton per m)

Flexible mat made of secutex material

The lightweight and mobile coil mat was designed for the storage of coils. It is easy to use. This makes it possible to create temporary storage quickly and flexibly or to expand existing warehouses in the case of a bottleneck.

Options:

- internal oil collecting sump
- secutex protection made of heat-resistant material „secutex Heat“ (140°C)
- secutex light (max. 15ton per m)
- with handle
- secutex end stop
- Sloped end piece for easy driving on with a forklift truck
- Connecting element for coil mats

Height [mm]	Width [mm]	Length [mm]	Coil-ø [mm]
30	400	3.000*	800-1.400
43	400	3.000*	1.000-1.600
54	400	3.000*	1.200-1.800
65	500	3.000*	1.200-2.100



Connecting element for coil mats



secutex end stop for coils

For the storage of coils in an inclined position

The secutex end stop was design for the storage of coils and slit strips in an inclined position. The advantage is that a larger number of coils can be stored in a space-saving manner.

secutex end stop for coils is available in two versions. You can choose between the combination end stop with a secutex coil mat or end stop with Coilprotect.

The contact surfaces are equipped with secutex protection against damage and scratches.



secutex transport paletts

Safe handling, efficient storage

The inhouse handling of standing coils is difficult and safety-critical. The safe and efficient solution are the transport racks designed for this work, suitable for transport by fork-lift truck and optionally also by crane.

Transport racks for slit coils are load handling devices and must be designed and produced in accordance with the applicable standards.

The transport racks for split coils have individually removable safety poles to secure each coils against tilting. For transport with a forklift truck, the secutex transport paletts have two large supports for the prongs, the safety chain secures the pallet.

To protect the high-quality coils, the prism supports are covered with the highly wear-resistant secutex protection. If the coil sides also have to be protected, the optionally available safety poles can be equipped with secutex coating.

Options:

- Staking rods, secutex coated
- Coil mat made from „secutex Heat“
- Staking rods with cross bars



secutex Coil Carrier

For the permanent and safe storage of high-quality coils and foil rolls. The protection of the sheet metal coils produced or to be processed further is becoming more and more important. Bad storage causes pressure marks on the sensitive thin sheet metal coils with high weights which can lead to problems during the later forming process. Many sheet metal coils are already painted or high-quality packaged and must therefore be stored and transported carefully. „Well-known car manufacturers have found that pressure marks up to the sixth layer are detectable, this leads to significant problems in the ongoing forming processes“. The secutex Coil Carrier was developed for the handling and permanent storage of coils and heavy foil rolls.

Supports

The very sturdy steel construction is equipped with the secutex protection as standard on the contact surfaces. The extremely cut and wear-resistant secutex material protects the load effectively against pressure marks caused by its weight. The secutex protection is resistant to oil and grease and is highly recommended by the users for its long lifetime.

Options:

- with secutex secuGrip
- with secutex SPL-Soft



Optional secutex turning mat: no uncontrolled slipping

Coating for pipe raising systems

The noise levels in pipe and rod raising systems can be very high. A chute lined with secutex pipe modules ensures that noise levels are reduced and that surfaces are protected.

The secutex material with inset perforated plates is particularly wear-resistant and cushions the movement of pipes and rods very well.

The cast sections are attached using drilled attachment holes. Segment sizes and joins are manufactured according to client requests.

secutex-wiper

Wipers for steel bars

In the production of pipes and steel bars, so-called wipers are used for cleaning. The wipers have a round or rectangular outer profile and an inner profile that matches the shape of the object to be cleaned. Normally, several wipers are mounted in series, whereby the pass-through openings are smaller than the profile. The bar is pushed through the elastomer plates at high velocity, and the rubbery material strips the surface free from grease and cleaning fluid residues.

It is the edge that counts!

Just as with a car window wiper, it is the edge that counts. Normally, the wipers are stamped from sheet goods. During stamping, the elastomer becomes distorted; the inner edge is therefore not dimensionally stable and is at an angle. Only part of the edge wipes emulsions from the surfaces depends on the profiles. This edge is rapidly worn down; the cleaning action is then unsatisfactory.

Streak-free cleaning

In collaboration with a renowned pipe manufacturer, secutex has developed a new wiper whose optimised wiper edge cleans a rough surface without leaving streaks. The secutex wipers are cast from moulds; the stamping process is done away with. The edge is perfectly formed and lies in complete contact with the pipes and steel bars passing through it.

Long service life

Users report the excellent durability of the secutex wipers; premature wear and material decomposition have not been observed. Thanks to the excellent service life, set-up times and downtimes could be significantly reduced.

For every size

secutex wipers can be produced in all required thicknesses and diameters.

secutex-funnel

Funnels for pipes and bright steel

In the production of pipes and bright steel so-called funnels are used for threading in the production plants. In most cases funnels made of polyamide are used, but due to the material hardness and the sharp-edged pipe ends wear out very quickly.

It depends on the material sphere

As an alternative, secutex offers polyurethane funnels for this purpose. In contrast to polyamide, these are softer from the material and therefore also more wear-resistant than sharp-edged pipe ends. This means longer service life for the customer as well as better surface protection for very sensitive materials.

For every size

secutex funnels can be produced in the required dimensions according to customer drawings.

The secutex turnover lifting sling

The challenge

Uprighting of stacked coils on the pallet is not allowed! First choice for turning upright of horizontally delivered packages with slitted coils is therefore always a coil turning table. But a permanent fixed equipment is not always possible for turning of small coils.

For this reason secutex offers a solution that can be used for upending small coils on transported on a pallet. First of all, the operators must be trained extensively in its use.

One end loop of the secutex lifting sling for slit coils is flat and can be easily moved into the gap into the gap between the coils. This flat end loop is then simply hooked into the forged C-Hook.

The protective sleeve is positioned on the sharp edges of the coil. When lifting, the lifting sling moves freely in the sleeve, there is no movement at the sharp edges and no damage at all.

Turning stacked coils on the staple is potentially dangerous, because the coil can slip over the bottom edge. The set therefore always includes a slip-resistant secutex turning mat, which is simply pushed under the tilting edge. A positive side effect: the windings of the coils are not damaged during the turning process.

Thickness [mm]	Width [mm]	Length [mm]
10	200	300

30	1.000	3.000
50	1.000	3.000

secutex turning mat

Careful and controlled turning

When rolling off a load over the floor, the heavy load can slip uncontrollably on the smooth warehouse floor. There is considerable risk of accidents. Expensive workpieces can be damaged under their own weight and may require time-consuming reprocessing. secutex turning mats (see figure above) are completely slip-resistant. The turning manoeuvre can be performed safely and smoothly.

Thickness [mm]	Width max. [mm]	Length max. [mm]
20	1.000	3.000
30	1.000	3.000
50	1.000	3.000

Coiler mandrel sheath

Again and again, coils with a larger internal diameter than expected have to be processed on coilers. Here the secutex coiler sheath offers a simple and flexible solution to the problem.

Enlargement of the internal diameter

The handy secutex coiler sheath is simply pushed onto the coil mandrel and enlarges the radius to the required size. The time-consuming assembly of subcomponents is no longer necessary.

Prevention of dents

Thanks to the high friction of the secutex material, the coil cannot slip and, in some cases, the contact pressure can be significantly reduced. The typical impressions in the initial winding layers are prevented and material wastage is significantly reduced.

The secutex material is extremely wear-resistant and, unlike standard rubber, it is also oil-resistant. The insertion tip helps thread the coils.

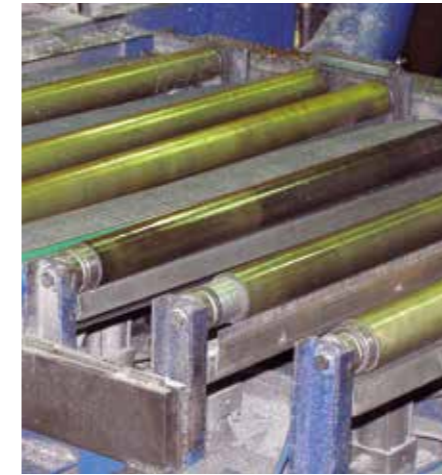
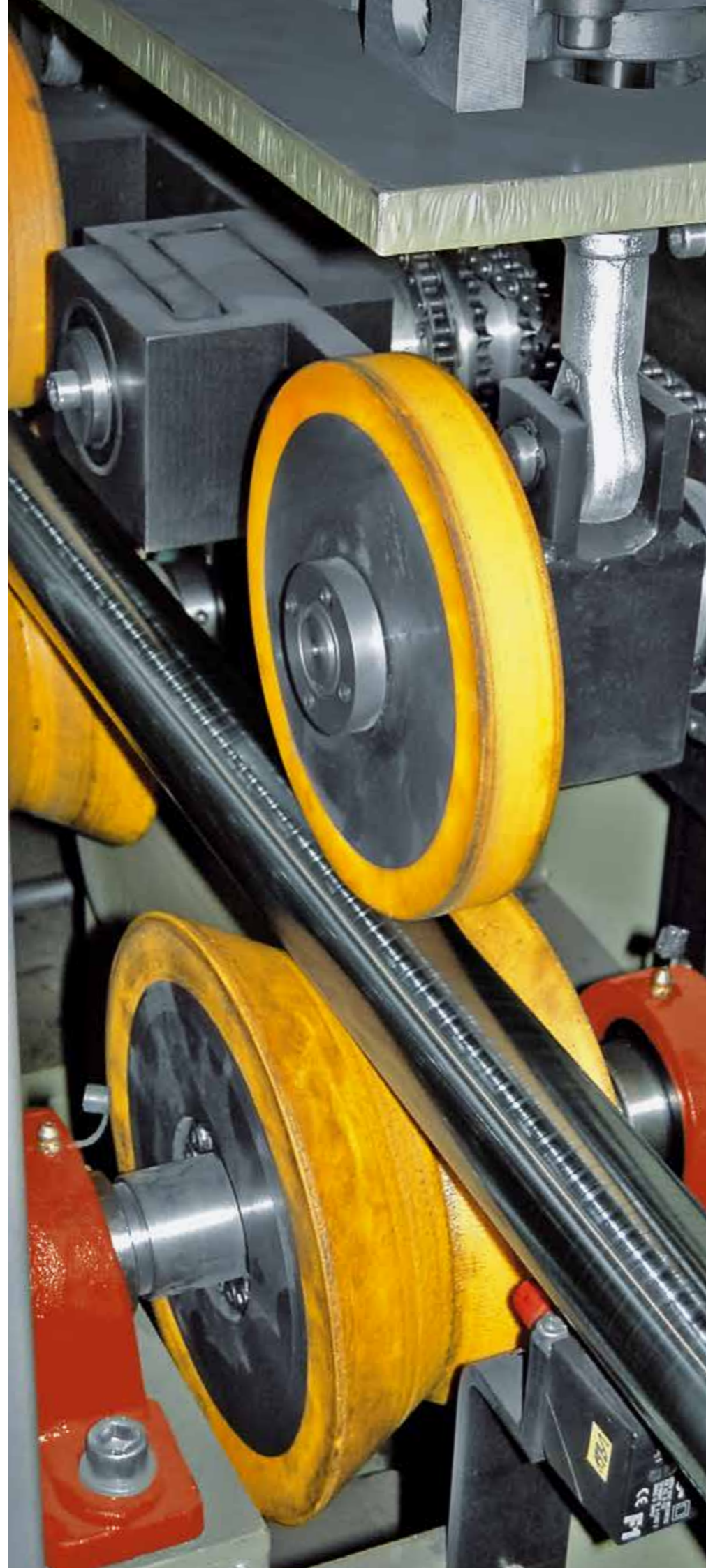
Internal Ø [mm]	External Ø [mm]	Coil internal Ø [mm]	Length max. [mm]
390	490	508	2.000
490	590	608	2.000

Standard version with drive-in ramp

SECUROLL

Technical specifications rollers with replaceable core

The special coating for rollers and cylinders



secutex- securoll

With securoll secutex offers a specially developed coating for cylinders and rolls, which is cast in form or applied directly onto the roller core. During product development the vast experience of secutex with all types of coatings was introduced.

secutex supplies a wide selection of securoll for almost any application. Material hardnesses of 55°-90° Shore are supplied. The innovative process ensures high precision in the coating with very low tolerances as well as optimum and long-term bonding between the cylinder/roller core and the securoll material. This ensures that the securoll-coated cylinders and rollers have a high degree of mechanical strength and wear resistance.

Options:

- SP-sleeve for hosting

secutex rollers with exchangeable core

The securoll rolls have an easily-assembled, exchangeable steel core consisting of two side plates and the required central axis.

The exchangeable cores are cast separately from the extremely wear-resistant and tear-resistant secutex material. The two side plates and the central axis are put together with the secutex exchangeable core and bolted together.

We can provide any size and any shape without any problems. In the unique mould produced, required secutex replacement cores can also be produced within a very short time.

secutex screw conveyors

For pipes and steel rods

Screw conveyors are often used in the metal producing industry as simple machine elements for the for the synchronized conveying of pipes and steel rods. The control of the conveying process process is very simple, there are hardly any moving parts that can fail in continuous robust use.

Protects the surface

secutex screw conveyors have a shaft made of steel or steel or tubular steel and are made from the extremely extremely wear- and cut-resistant secutex protection. secutex protection preserves the surfaces of the long items, so scratches are not possible. Conveyor screws cast from secutex material are significantly cheaper than those milled from other plastics. The outstanding service life improve the cost advantage additionally.

Quick production of new castings

Any size and any length is easily possible. In the casting mold, the required the required screw conveyors can also be produced at relatively short lead times.

Technical execution for rolls

surface	smooth	polished	fabric	
surface hardness	55° Shore A	75° Shore A	90° Shore A	
Inserts	without insert	with perforated plate		
coating form	cylindrical	crowned	conical	according to the customer's drawing
Sizes	Length: 1800 mm	ø: 350 mm	Strength: from 3 mm special sizes upon request	
Roll core	available upon request			

