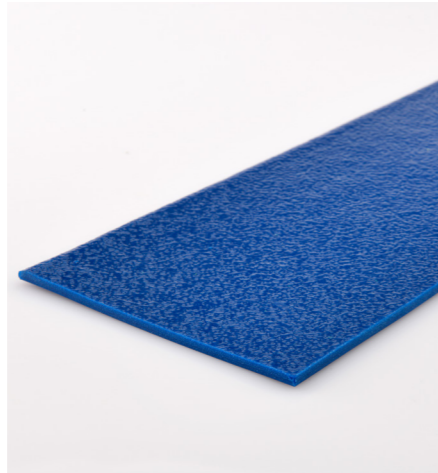


SpanSet secutex®

02

Lifting  
Buffer Pad  
Materials



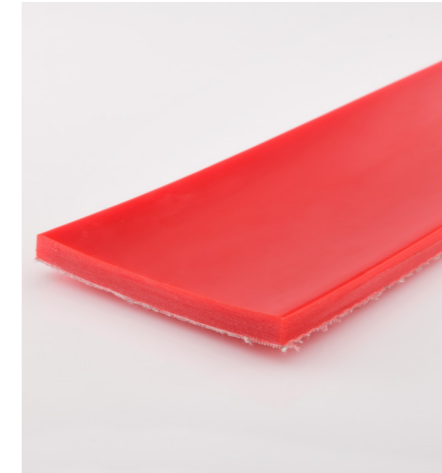
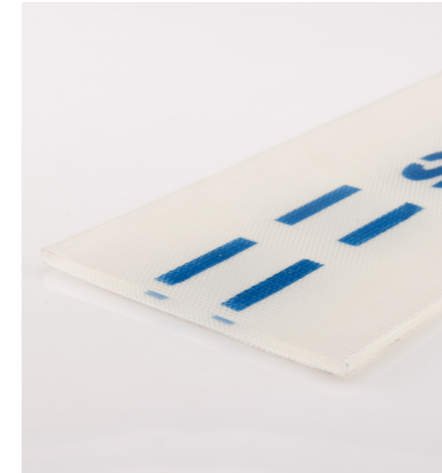
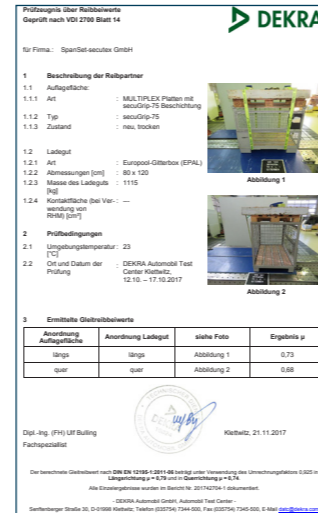


secuGrip 90

secuGrip 75

Surface secuGrip 90 rough

- With structured surface (according to VDI 2700, Bl. 15, point 7; „Slip-resistant materials for securing loads on road vehicles“)
- Very good slip resistance, also in wet conditions.
- Very high structural strength (designed in accordance with VDI 2700, sheet 15, points 7.4 and 7.5; „Slip-resistant materials for securing loads on road vehicles“)
- Excellent slip resistance, Dekra-tested.
- Proven adhesive strength:
- Can be bonded quickly and easily with laminate adhesive film (adhesive strength only normal)
- Excellent adhesion in combination with UHU PLUS ENDFEST 300
- Excellent chemical resistance



secutex with fabric reinforcement

secuHeat

Steel nose

- Very good damping because of the thicker material.
- Very high structural strength (according to structural surface (according to VDI 2700, Bl. 15, point 7.4 and 7.5; „Slip-resistant materials for load securing on road vehicles“)
- secuHeat can be used at temperatures up to 120° C
- Proven adhesive strength:
- Excellent adhesive strength in combination with UHU PLUS ENDFEST 300

For a long lifetime of the coating, the steel tip is highly recommended. This is placed on the top of the fork to transfer the outline. Then the steel tip is cut to size, for example with a flex. The fixation is done with UHU PLUS ENDFEST 300 (recommended temperature 100°C) or by welding (please follow the instructions of the fork manufacturer).

### Bonding secuGrip without adhesive film / secutex with fabric reinforcement / secuHeat

If necessary, remove any protective film and attach the secutex profile. The contact pressure should be hand-tight, fixing e.g. with an wooden panel and screw clamps is NOT necessary.

		Hardness Shore A	Reinforcement	Bonding	Adhesion	Processing Temperature	Curing time	Thickness	Widths
secuGrip90	green	90	-	Laminat	0	20° C	4h	4 mm	
secuGrip90	green	90	-	UHU Endfest 300	++	20° C	12h	4 mm	
secuGrip90	green	90	Fabrics	UHU Endfest 300	++	20° C	12h	4 mm	80/100/120
Stahlnase	4x30 mm	-	-	UHU Endfest 300	++	100° C	10 Min.	4 mm	150/200/300 mm
secutex75	transparent	75	Fabrics	UHU Endfest 300	++	20° C	12h	10 mm	
secuHeat	red	90	-	UHU Endfest 300	++	20° C	12h	10 mm	80/100/120
Stahlnase	10x50 mm	-	-	UHU Endfest 300	++	100° C	10 Min.	10 mm	150/200/300 mm

		Hardness Shore A	Wood-Pallet	Gitterbox	Grid box	Steel, blank	Steel, bright Wet	Steel, Grate	Steel, Grate Wet	Steel, Primer	Steel, Primer Wet	Steel, painted	Steel, painted Wet	Other Materials
secuGrip90	green	90	0,6 µ	0,6 µ	0,8 µ	0,4 µ	0,3 µ	0,6 µ	0,3 µ	0,6 µ	0,3 µ	0,6 µ	0,3 µ	on request
secuGrip90	green	90	0,6 µ	0,6 µ	0,8 µ	0,4 µ	0,3 µ	0,6 µ	0,3 µ	0,6 µ	0,3 µ	0,6 µ	0,3 µ	on request
secuGrip90	green	90	0,6 µ	0,6 µ	0,8 µ	0,4 µ	0,3 µ	0,6 µ	0,3 µ	0,6 µ	0,3 µ	0,6 µ	0,3 µ	on request
Stahlnase	4x30 mm	-	-	-	-	-	-	-	-	-	-	-	-	-
secutex75	transparent	75	0,6 µ	0,6 µ	0,6 µ	on request	on request	on request	on request	on request	on request	on request	on request	on request
secuHeat	red	90	on request	on request	on request	on request	on request	on request	on request	on request	on request	on request	on request	on request
Stahlnase	10x50 mm	-	-	-	-	-	-	-	-	-	-	-	-	-



Gluing instructions



Sandblasting



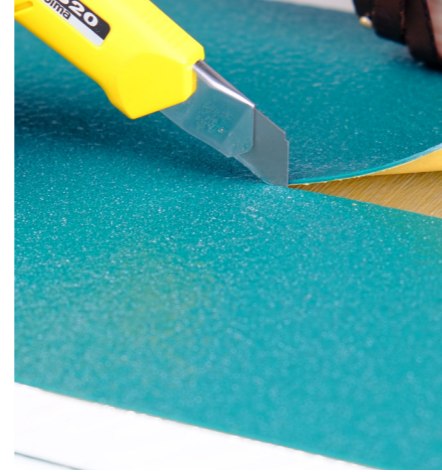
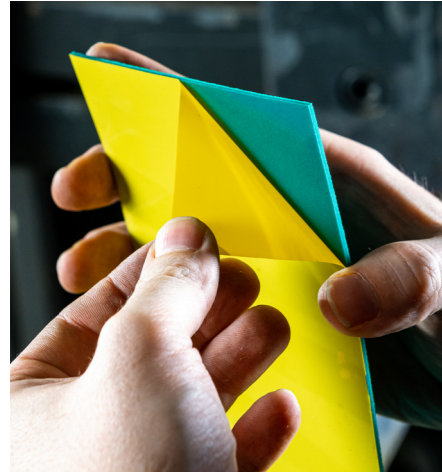
Grinding



Cleaning

Preparation of the surfaces to be bonded

The adhesive surfaces must be cleaned very well before applying the glue. It is recommended to first grind the steel fork with abrasive paper, grain size 100, then use a cellulose material with a grease solvent (acetone) to clean the fork.



secuGrip laminate

secuGrip laminates are our new, self-adhesive anti-slip coatings that you can apply yourself.

The secuGrip coatings have a high friction coefficient and are extremely abrasion-resistant. Installation is as simple as it is easy: the back is coated with acrylic adhesive and holds on to many different surfaces. The acrylate adhesive itself has a quite good bonding strength and is temperature and weather resistant.

Remove the protective film and stick on the secuGrip laminate. The contact pressure should be hand-tight, fixing e.g. with wooden plate and screw clamps is NOT necessary. The bonding should be done at room temperature, the curing time is 4h, then the coating is ready for use.

Practice advice: For hard and rough use, we recommend gluing with UHU Endfest. You can cut our laminate into the required size with a sharp cutter knife or scissors.

UHU PLUS ENDFEST 300



Dosing and mixing, application of the glue

Precise dosing and good mixing are required for good adhesive strength and consistent bonding. The normal mixing ratio is 1:1 parts by volume ( equal length of strands from the tubes), that is 100 parts by weight binder + 80 parts by weight hardener. At room temperature the pot life is about 1-1/2 hours. As soon as possible after mixing, the glue should be applied to the surfaces to be bonded to ensure best possible adhesion. The glue is applied with a wooden or metal spatula or with a short-bristled brush. Note for processing the two-chamber cartridge: Do not put on the mixing nozzle until material exits both chambers of the cartridge. Please note the protective instructions: When processing UHU PLUS ENDFEST 300, contact of the adhesive with the skin should be avoided if possible. The adhesive surfaces must be cleaned very well before applying the glue. It is recommended to first grind the steel fork with abrasive paper, grain size 100, then use a cellulose material with a grease solvent (acetone) to clean the fork.



Gluing of the steel tip

If necessary, remove the existing protective foil. The adhesive surfaces must be cleaned very well before the glue is applied. It is recommended to grind the forks and also the steel tip first with abrasive paper, grain size 100, then clean with cellulose, moistened with a grease solvent (acetone). A processing temperature of 100° C is recommended, as the adhesive strength of UHU PLUS ENDFEST 300 is twice as high as at room temperature.

Curing time UHU PLUS ENDFEST 300 depending on temperature

20°C	12 h
40°C	3 h
70°C	45 min
100°C	10 min
180°C	5 min

Adhesive strength UHU PLUS ENDFEST 300 depending on temperature

20°C	ca. 12 N/mm <sup>2</sup>
40°C	ca. 18 N/mm <sup>2</sup>
70°C	ca. 20 N/mm <sup>2</sup>
100°C	ca. 25 N/mm <sup>2</sup>
180°C	ca. 30 N/mm <sup>2</sup>

(for lap shear stress for Aluminium)

Glue on, press on and resting

The glue layer has a protective film. Just peel it off and press our product tightly to the required place. Technicians speak of a pressing force of approx. 1-2 kg / cm<sup>2</sup>.

Practitioners can, for example, place a heavy object on top or press the laminate tightly by hand. Brush from the inside to the outside to remove air pockets. To ensure that the glue can reach its maximum adhesive strength, give it one day's break. After that the material can be loaded without any problems.





Service on site

More than 10,000 coated forks, Benefit from our experience; Based on our worldwide network of authorized representatives and our own subsidiaries, we can provide your forks and load carriers with the well-established secutex/secuGrip coating at short notice. Special solutions can also be realized without any problems.



secutex Coil shoe



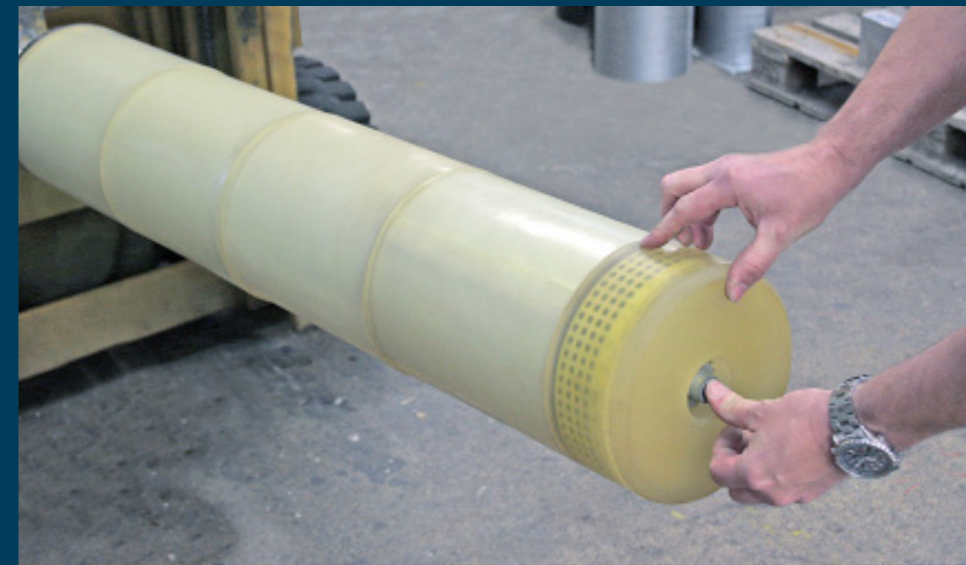
secutex prong protection shoe



secutex warning bar



secutex Back guard for forks



secutex Tube modules for forklift mandrel



secutex Back guard for forks

