



Exterior warning, signal and tactile belts

Tactile products for exterior applications, used to raise attention and assure a secure movement of visually impaired persons in outdoor areas.



ADVANTAGES

- Easy to install, technically very simple, financially advantageous in comparison with other solutions (no excavations).
- Possibility of different dimensions.
- Reliable glue for perfect adhesion.
- Flexible, but also very resistant product thanks to elastomer material.
- Possibility of various colour combinations of studs and the basic belt.
- Very good durability.



TECHNOLOGY

Ground surface / floor material

Asphalt surfaces after capillary action of bitumen or matured concrete surfaces, both ideally at least 30 days old.

Application

- . Fixation using glue (two-component cold plastic) on clean and dry surface.
- . Suitable mainly for compact and plain surfaces (no interlocking pavements or similar structured surfaces).
- . Surface and air temperature should oscilate between 7 °C and 30 °C.
- . Mark the installation area with a tape.
- . Apply the glue to the marked area.
- . Remove the protecting film from the back of the belt and install it to the marked area.
- . Product can be used in approx. 15 minutes.

Technical characteristics

Basic belt made of elastomer with self-adhesive bottom part
 Studs / lines made of methacrylate resin
 Fire classification (EN 13501-1+A1:2010): Bfl
 Smoke classification (EN 13501-1+A1:2010): S1
 Hardness: 95°ShA (relief - studs and lines)
 80°ShA (basic belt)
 Dimensions: 900x420 mm (warning belt)
 600x420 mm (warning belt)
 900x195 mm (leading lines)
 Colours: white, yellow or black combinations, single-coloured or two-colour options, contrast possibilities of the belt and studs.

Other colours and dimensions upon request.



IMPORTANT

For further information, please, contact the producer at www.handi-friendly.com



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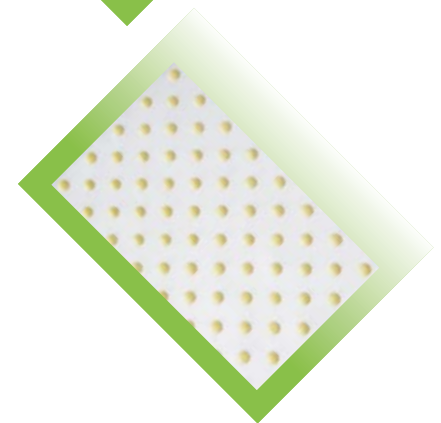
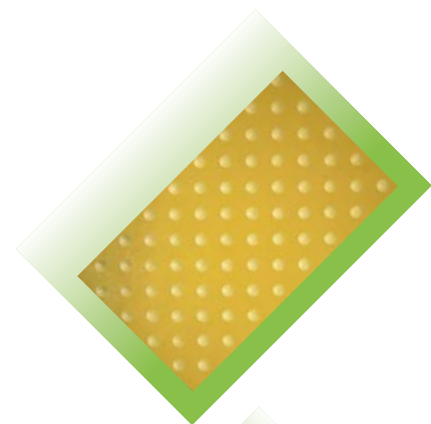
Exterior warning and signal belts

Application

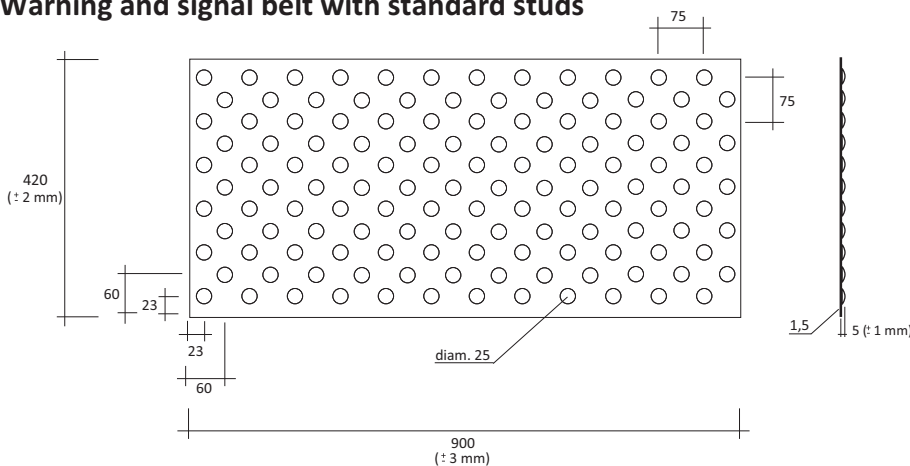
The main function of exterior warning and signal belts with stud relief (points) is to warn visually impaired persons against danger areas (stairs, roads, platforms, cross-walks or other barriers). In some countries, belts with studs have both, warning and guiding functions, depending on the width of the tactile surface. In combination with guiding lines, belts can also be installed along cycle-ways.

Basic data

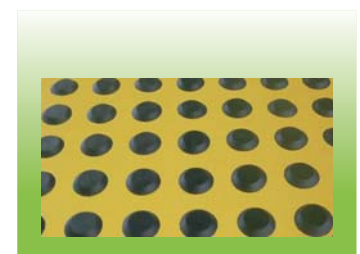
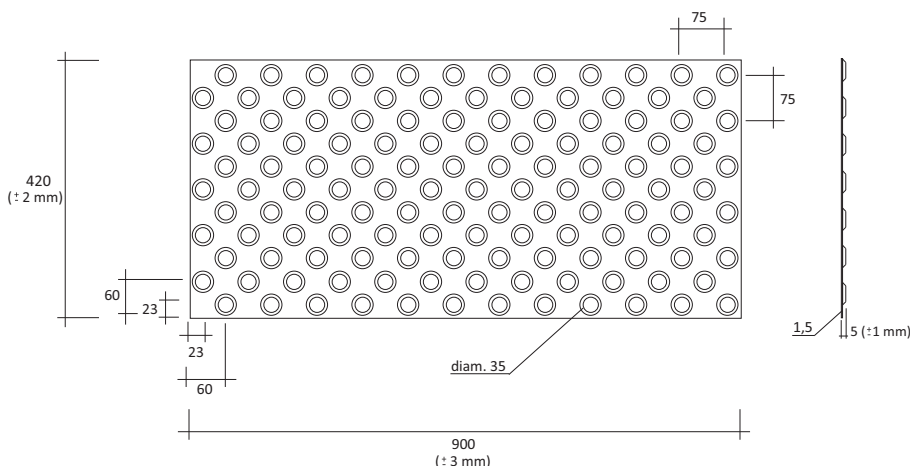
Length	900 or 600 mm
Width	420 mm
Thickness of basic belt	approx. 1,5 mm
Complete thickness	5 mm (+ 1 mm)
Weight	1,5 or 1,0 kg



Warning and signal belt with standard studs



Warning and signal belt with studs according to ISO 23599/2012



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Exterior guiding / leading lines

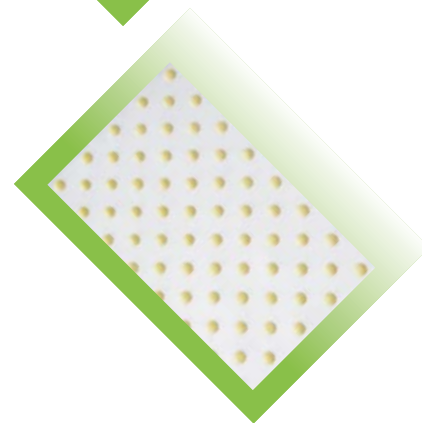
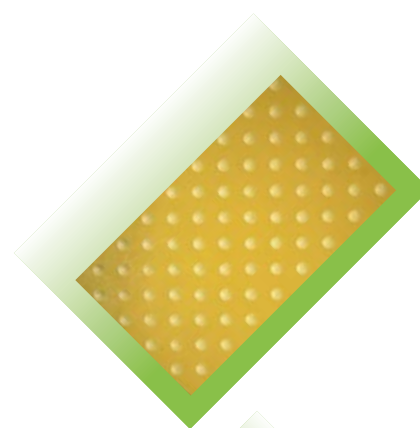
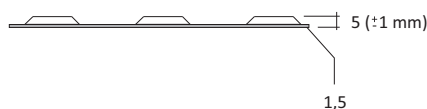
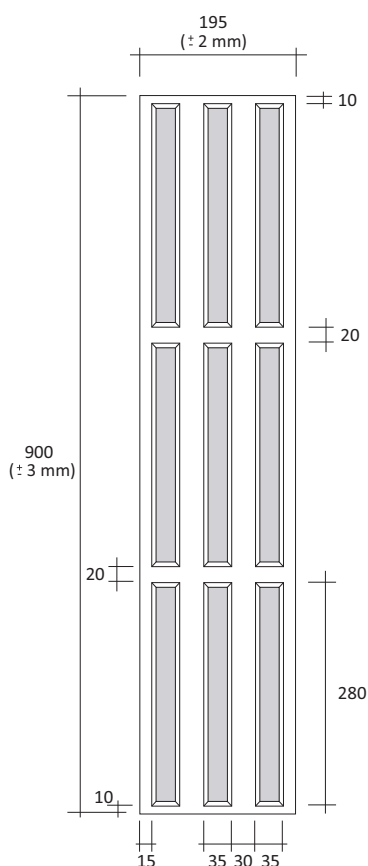
Application

The main function of exterior belts with guiding lines top relief is to guide visually impaired persons from one point to another within outdoor areas. Guiding lines can also be used to connect decision fields, where visually handicapped people have the possibility to change their walking direction. In some countries, guiding lines are in combination with warning belts installed along cycle-ways too.

Basic data

Length	900 mm
Width	195 mm
Thickness of basic belt	approx. 1,5 mm
Complete thickness	5 mm (+- 1 mm)
Weight	approx. 0,75 kg

Guiding lines 900x195 mm



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