



IGOSTRAP® air

Application / Challenges

Ergonomic plastic hanging straps provide added safety for standing passengers when a vehicle brakes or accelerates, when cornering or crossing railway points, or in case of an emergency stop.

This makes hanging straps vital fixtures when it comes to enhancing safety and passenger comfort on underground trains, trams, urban buses and suburban trains. As they are exposed to significant loads over a period of many years, hanging straps need to be safe and highly durable.

As an established trailblazer in the market, faigle has developed a new triangular hanging strap that sets new standards – while also achieving a perfect balance between functionality, safety, comfort, aesthetics and value for money.

A cost-effective, forward-looking solution, it embodies our expertise and an innovative design approach.



Handle fitted
at 90° angle to
grab bar



Handle fitted parallel
to grab bar



reddot winner 2025

Solution / Material

The IGOSTRAP® air hanging strap is a logical progression on our standard product portfolio. Its attractive, user-friendly triangular design keeps the strap wide open, while the materials used have the same comfortable feel as our other IGOSTRAP® models. Adapted to the dimensions of the grab bar, the custom-made bracket element is securely bolted into a fixed position on the bar. A positioning clip is supplied for additional fixation, which is attached to the grab bar and allows the strap to swing freely. The new hanging strap is available from stock in two attractive colours.

IGOSTRAP® air hanging straps are supplied as complete assembly kits, with the PAS-PU bracket element and handle in standard sizes. The kit also includes bolts of the required size, as well as sleeve nuts and positioning clip to secure the strap. Optional hanging strap extensions in the form of a spacer are available in coloured PAS-60 FR for a contemporary look. Assembling the straps could not be simpler – or quicker! The adjustable handle opens up a range of additional assembly options and allows for simple assembly with the handle either parallel or at a 90° angle to the grab bar – depending on requirements. The hanging strap has been designed to withstand loads of min. 150kg, and complies with the strict fire safety requirements of EN 45545-2 HL3 due to its adherence with distance and weight requirements.

Customer benefits

- ✓ Comfortable, attractive triangular design
- ✓ Competitive pricing thanks to injection moulding production process
- ✓ Modular design enables fitting on grab bars of various diameters and lengths
- ✓ Easy assembly thanks to intuitive hanging strap design
- ✓ Each hanging strap can be fitted with the handle either parallel or at a 90° angle to the grab bar
- ✓ Short lead times

Specifications

Grab bar diameter (D):	Ø30mm, Ø34mm or Ø35mm
Length (L):	1.) 268mm (Ø30) or 272mm (Ø34 and Ø35) 2.) 319mm (Ø30) or 323mm (Ø34 and Ø35)
Colour – bracket element and handle:	Traffic yellow (RAL 1023) Silver grey (RAL 7001)
Colour – spacer:	Anthracite grey (RAL 7016)
Material – bracket element and handle:	PAS-PU 64D-H
Material – spacer:	PAS-60 FR
Tensile strength:	Min. 1,500N
Fire safety standard:	EN 45545 HL3 (distance and weight regulation)
Packaging:	25 units per box (not assembled)

