



## 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

## 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. The bracket element can be further secured by fitting the adhesive anti-slide tape which is included in the assembly kit. 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 anti-slide tape to secure the strap. Optional hanging strap extensions in the form of a spacer are available in coloured PAS-PP GF30 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 up to 150kg, and also meets the strict EN 45545 hazard level 3 (HL3) fire safety standard.

## Specifications

|   |  |
|---|--|
| <b>Grab bar diameter (D):</b>                 | Ø30mm or Ø35mm   |
| <b>Length (L):</b>                            | 1.) 268mm (Ø30) or 272mm (Ø35)<br>2.) 319mm (Ø30) or 323mm (Ø35) |
| <b>Colour – bracket element and handle:</b>   | Traffic yellow (RAL 1023)<br>Silver grey (RAL 7001)              |
| <b>Colour – spacer:</b>                       | Anthracite grey (RAL 7016)                                       |
| <b>Material – bracket element and handle:</b> | PAS-PU 64D-H   |
| <b>Material – spacer:</b>                     | PAS-PP GF30 FR   |
| <b>Tensile strength:</b>                      | Min. 1,500N  |
| <b>Fire safety standard:</b>                  | EN 45545 HL3<br>(distance regulation)                            |
| <b>Packaging:</b>                             | 25 units per box<br>(not assembled)                              |

## Customer benefits

- ✓ Comfortable, attractive triangular design
- ✓ Competitive pricing thanks to injection moulding production process
- ✓ Integrated fixing element removes the need for a positioning clip
- ✓ 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
- ✓ Fixed position ensures compliance with the main fire-safety requirements and standards worldwide
- ✓ Short lead times

