

# RAILY SAFE



## KAG Safety Rail

### Safety Is Worth Holding Onto

Using breakthrough technology and ingenious design, the KAG Safety Rail is simply your smartest step in safety.

With its unique swage design, it contours to the shape of a closed hand to dramatically reduce the risk of 'slip and fall' injuries. Unlike smooth rails that become slippery when wet, the KAG Rail provides real grip – whether it's dry, wet or greasy.

Our innovative technology transforms a conventional round tube into the uniquely contoured KAG Safety Rail. This changes its shape so it 'fits' any-sized hand to provide a new standard in grip and confidence.

Proven\* to increase grip by up to

**80%**  
in wet  
conditions

**160%**  
in dry  
conditions

**300%**  
in oily  
conditions



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### Get a real grip

Every day, everywhere, every situation.



## Practical & Clever

### Proven results in any conditions

- ▶ Independently tested by the Queensland University of Technology.
- ▶ Proven to increase grip by up to 80% in wet, up to 160% in dry and up to 300% in oily conditions compared to standard 'smooth' handrails.
- ▶ Demonstrated performance for real customers.

### Versatility

- ▶ Wide range of sizes and materials, including stainless steel, aluminium, brass and copper.
- ▶ Designed to fit any hand size and available in left or right-handed configurations.
- ▶ Custom fabrication available.

### Simplicity and style

- ▶ Easy to install, modern and stylish.
- ▶ Meets or exceed all relevant regulations.
- ▶ Readily available and efficient turnaround.

### Clean and hygienic rail

- ▶ Easy to clean, helping prevent the spread of bacteria.
- ▶ Meets infection control standards for health and aged-care facilities.
- ▶ Examined by infectious control at Redland Bay hospital, achieving a 5-star rating for cleanability.

### Sustainability

- ▶ Low VOC and 100% recyclable.

## Life-giving & Life-saving

- ▶ Maximises hand grip on ladders, work platforms, stairs, grab rails, balustrading and walkways in all conditions.
- ▶ Minimises slips, accidents, injuries and strains.
- ▶ Provides reliable and critical assistance in emergency situations.
- ▶ Offers stability and support for the aged and frail, including shower rails, toilet rails, handicap rails, and bed rails.

## Technical Specifications

At Raily Safe, we know that every environment and purpose is different – so the KAG Safety Rail is easily adapted to suit your needs.

- ▶ Sizing From 19mm up to 50mm diameter tube.
- ▶ Swage pattern can start and stop at any point along the grab rail – allowing for standard fittings, tees, elbows, end caps and bends.
- ▶ Materials can be processed in left or right-hand configurations.

- ▶ Three different radii and three different helix angles available.
- ▶ Fibre-optic lighting is available to illuminate areas below the rail.
- ▶ Available in a wide range of materials, sizes and wall thicknesses – stainless steel, aluminium, steel, brass and copper.
- ▶ Compliance standards: AS 1428.1-2009

Materials	Details
Stainless Steel	304. 316. 409 in standard #320 or #600 mirror finishes – can be produced up to 4mm thick
Aluminium	All grades – some grades can be anodised (clear or coloured)
Steel	Mild; zinc plated; galvanised (can be powder coated)
Brass and Copper	Can be polished to mirror