



## Ladder rung cover Technical Data Sheet

### Key benefits

#### • Anti Slip Top Surface

FRP ladder rung covers have an anti-slip surface that offer excellent slip resistance.

#### • Choice of colour and shape

Real Safety stocks and delivers two different types of ladder rung covers in standard safety yellow colour.

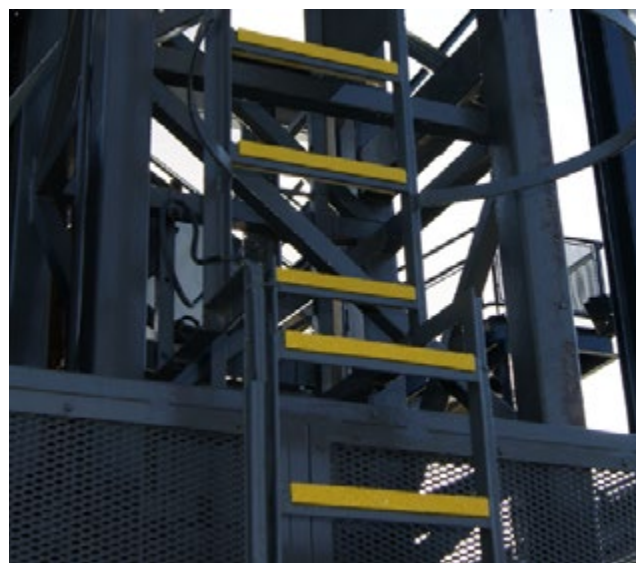
The two types can cover all standard rungs:  
Half-round on round ladder rungs and  
Channel on square and diamond shaped rungs.

#### • Versatile

Our ladder rungs are manufactured in FRP material that does not corrode. They can be retrofit onto all existing steel ladder rungs.

#### • Quick

They can be installed quickly by anyone in all weather conditions all year round.



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### Technical data

Smoke & Flame	ASTM E648 Nepa 253	Average Critical Radiant Flux: 1.04 Watts/cm <sup>2</sup>
	ASTM E662 NFPA 258	Average Maximum Density Corrected (Flaming): Average Specific Optical Density at 4.0 Minutes: 187
		Average Maximum Density Corrected (Non-Flaming): 341 Average Specific Optical Density at 4.0 Minutes: 311
	ASTM E84	Flame Spread: 20 Smoke Developed: 400 Flame Spread: 50 Smoke Developed: 90 (Vinyl)
	NFPA 258	Passed
Wear	Simulator: 30,000 cycles, 400 pounds	Little wear at end of test: Approximately 0.013 inch (0.33 mm) between worn and unworn sections of cover
Impact	Approx. 138 Joules (17 lb. pendulum), 60°F	Slip resistant coating detached at point of impact only No shattering occurred
Thermal Shock	Range: -40° to 150°F	After 20 cycles, visual inspection for cracking or melting revealed no sign of damage
Weathering	ASTM D4587	Lightness/Darkness (L*) - small change Redness/Greenness (a*) - small decrease Yellowness (b*) - slightly larger decrease

### Physical and chemical properties

Physical state and appearance	Solid
Colour	According to the product
Odour	According to the product
Boiling point	Undetermined
Melting point	> 400°C
Specific gravity	1.5 - 1.9 g/m <sup>3</sup>
Vapor density	Not applicable
Solubility	Not applicable
pH	Insoluble
Inflammation point	480°C
Autoignition temperature	Not auto-flammable
Decomposition temperature	Not applicable

### Disposal considerations

Method of disposal	Must be disposed of in accordance with federal, regional and local environmental control regulations
European waste code	200139

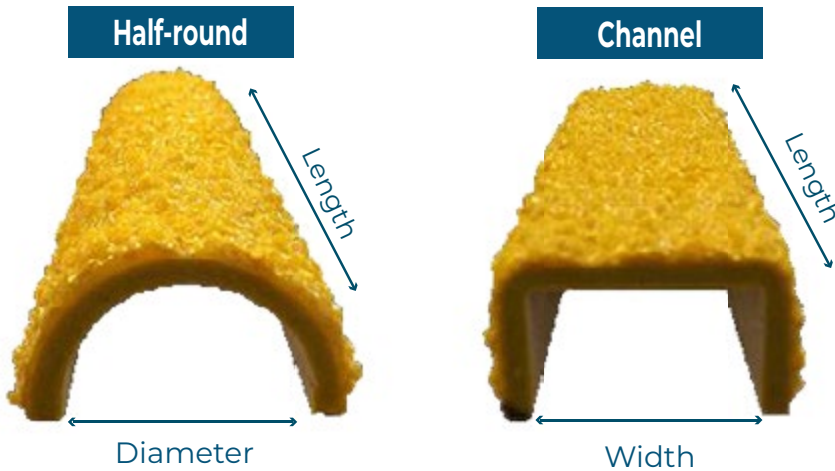
### Transport information

Regulation of transport	Classified as not hazardous and non-toxic
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## Specification

Real Safety stocks and delivers two different types of ladder rung covers in standard safety yellow colour. The two types can cover all standard rungs: Half-round on round ladder rungs and Channel on square and diamond shaped rungs.



	Half-Round	Channel
Width	Ø 20	20 mm
	Ø 25	25 mm
	Ø 30	30 mm
	Ø 35	38 mm
Length	300 mm	300 mm
	400 mm	400 mm
	500 mm	500 mm
	> 500 mm = RQ	



Industry / 3 mm

Recommended for all industries and environments where the safety of a ladder needs to be improved. The covers will offer excellent anti-slip in dirty, wet and oily environments.

## Slip resistance level

Real Safety's solutions are all classified with the highest scores as R13.

DIN 51130/Classe	R9	R10	R11	R12	R13
Slip angle(°)	6 -10	10 - 19	19 - 27	27 - 35	> 35
Slip Resistance	Very Low	Low	Medium	High	Very High

For installation and cleaning guides, please contact us.