80VNTe Handrails

80 Series V-style Thermoplastic Polyurethane (TPU) Escalator Handrail

BREAKING STRENGTH

Handrail Body: 30 kN
Splice: 25 kN

DIMENSIONS

Lip opening may exceed maximum tolerance by up to 1 mm in the splice area

Handrail stored for longer than 2 months may experience some additional change in lip dimension up to 2 mm beyond the limits shown in the drawing

SLIDER COEFFICENT OF FRICTION ON GUIDE

Galvanized steel <= 0.3
Stainless steel <= 0.2
Nylon <= 0.2

MINIMUM SUPPORTED BEND RADIUS

Forward bend: 350 mm
Reverse bend: 450 mm

MAXIMIUM WRAP ANGLES ON SINGLE ROLLERS

$D_R \geq 50$ mm $\alpha \geq 13°$
$D_R \geq 60$ mm $\alpha \geq 15°$
$D_R \geq 70$ mm $\alpha \geq 25°$

OPERATING CONDITIONS

Suitable for both indoor and outdoor use

Standard warranty applies for operation in ambient temperatures between -18°C and +43°C

Operation in full sunlight (uncovered unit) at ambient temperatures above +35°C may result in a reduced service life

COVER HARDNESS

85 +/- 5 Shore A, as per ASTM D2240, DIN 53505 & ISO 868

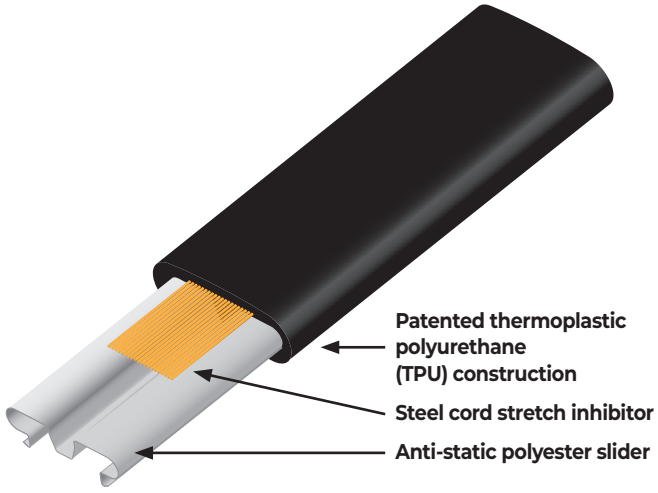
CHEMICAL RESISTANCE

Resistant to oil and grease

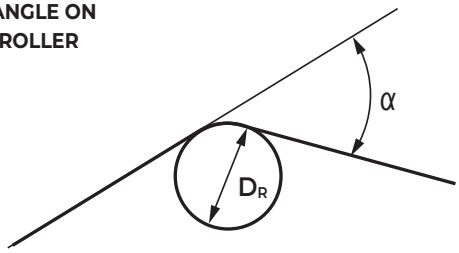
Resistant to mild cleaning solutions

NOTE: The use of Prysmian Handrail Cleaner is highly recommended. Strong solvents and/or powerful bleaches are NOT recommended and will result in reduced product life.

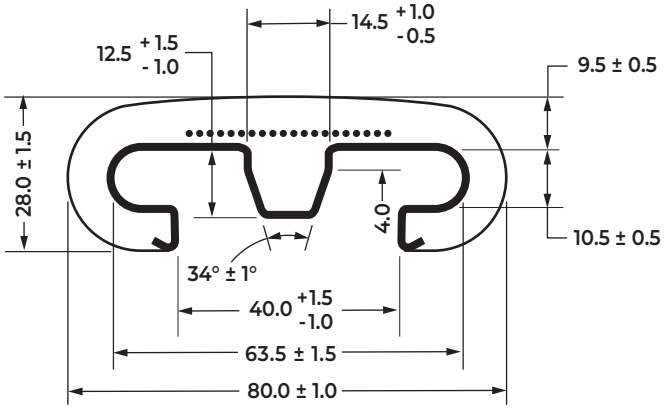
80VNTe CONSTRUCTION



WRAP ANGLE ON SINGLE ROLLER



DIMENSIONS (mm)



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