NT Thermoplastic Polyurethane (TPU) Handrail

NT3000/NT9000 Handrail Features and Dimensions

Prysmian NT series handrails are made from thermoplastic polyurethane (TPU) extruded in a continuous process.

FEATURES

- **The body** has a high-gloss surface for a sleek, attractive finish. TPU construction provides maximum durability and protection from vandalism, UV and damage caused by rubbing against escalator drive components
- **The PolyGlide AntiStatic Slider's** low-friction construction reduces noise and eliminates static electricity build-up
- **NT Steel Cord Stretch Inhibitor** is resistant to corrosion, fretting and ensures stable length over the product life

TECHNICAL DATA

Breaking Strength

Handrail Body 30,000 N
Handrail Splice 25,000 N

Operating Condition

The standard Prysmian warranty will not apply if the unit is operated when the temperature of the handrail is less than -20°C or more than +45°C

Hardness

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

Chemical Resistance

Resistant to oil, grease, mild cleaning solutions
Prysmian cleaner recommended as strong solvents and/or powerful cleaners and disinfectants are not recommended and will result in reduced product life

Surface Gloss

90 using standard 60° gloss meter

Dynamic Ozone Resistance

At least 500 hours according to ASTM 3395 testing procedure

Static Ozone Resistance

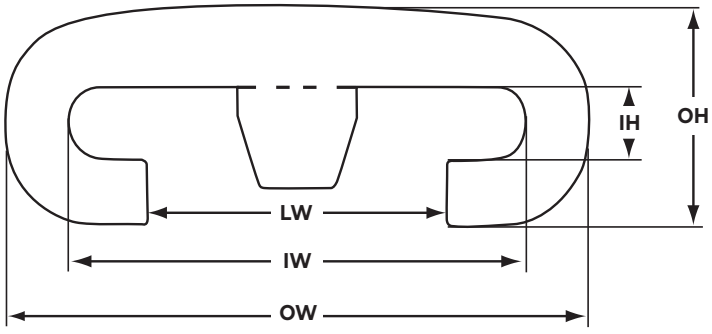
No cracks at 100 hours at 50 pphm and at 37.7°C as per ASTM D1149, DIN 53509 & ISO 1431-1

Fire Resistance

Handrail meets the requirements of British Standard BS 476: Part 7 - Class 2

DIMENSIONS

Style	Outer Width OW (mm)	Inner Width IW (mm)	Lip Width LW (mm)	Inner Height IH (mm)	Outer Height OH (mm)
7239NT9000	72.0	59.0	39.0	9.5	23.5
7440NT9000	76.0	63.5	40.0	10.5	24.0
7539NT3000	75.0	61.0	39.0	9.5	28.0
8040NT3000	80.0	63.5	40.0	10.5	28.0
8141NT3000	82.0	63.0	41.0	12.0	31.0
8339NT3000	82.0	63.0	38.0	16.0	35.5



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