

Product Name – Nextep Lofty Step Irons

1. Model Numbers

MWT203
MWT253
MWT358
MWT403

2. Reference Standards

AS1657:2018
EN13101:2002

3. Product Description

Plastic encapsulated manhole step manufactured in accordance with AS1657:2018 – 7.6 and EN13101:2002 – 4.2.2.

4. Purpose of use

To be used as a means of access in manholes and other underground man entry chambers to facilitate entry and exit.

5. Declared Performance Data

Essential characteristics	Performance	Technical Specification
Width of tread	$T \geq 20\text{mm}$	EN13101:2002 clause 4.3.2.2c
Vertical loading	Deflection $\leq 5\text{mm}$ at 2kN Deflection $\leq 2\text{mm}$ after 2kN Deflection $\leq 5\text{mm}$ after 4kN	EN13101:2002 clause 4.3.7
Pull-out	$5\text{kN} \geq 60$ seconds	EN13101:2002 clause 4.3.9
Impact	20kg from 1 metre	EN13101:2002 clause 4.3.10
Twist	$\leq 3\text{mm}$	EN13101:2002 clause 4.3.6
Durability	Polypropylene copolymer $\geq 2.5\text{mm}$ thickness $\geq 1\text{M } \Omega$ resistance	EN13101:2002 clause 4.3.5 EN13101:2002 clause 4.3.2.2

6. Manufacturers Details

Nextep Miyama Pty Ltd (Australian Representative).
Miyama Corporate Group, Tokyo, JAPAN.

