

DATA SHEET

WMI-VHD-A (AustralianMade) Conduit to AS2053.7 Heavy Duty Galvanized to AS1397

WMIS Australian made conduit is manufactured from Orrcon Maxi steel tube. It has an accurate circular cross section, a uniform wall thickness and continuously welded seams. The interior and exterior surfaces are thoroughly and evenly coated via the inline Galvanizing process.

The conduit is manufactured to 4 meter lengths, is threaded both ends and includes one coupling per length as is the requirement of AS/NZ 2053.7 Thread Pitch is 1.5mm.

Storage: It is highly recommended that Steel conduit be stored in a dry area until required.

Application: WMIS-VHD-A conduit can be installed indoors or outdoors, in dry or wet locations, Exposed or concealed, in all kinds of atmospheric conditions, and in hazardous locations. It provides excellent mechanical protection.

WMIS VHD-A conduits are pre-coated using an innovative Zinc-Alloy coated steel which provides at least 50% greater corrosion resistance than Hot Dipped galvanized tube to AS/NZ4680-2006. The ZM 275 coating on MAXI-TUBE® complies with the ZM 275 coating class specified in Table 3.3 of AS 1397. This coating class specification has good durability in aggressive environments and is an alternative to batch dipped zinc coated steel specified in AS4680. The ZM 275 coated, MAXI-TUBE® is a durable alternative in aggressive environments for the gauge range of coated steel conduit sections supplied in the market.

CONDUIT DIMENSIONS							
Size: mm	Part No:	Length:	Wall Thickness	Thread Pitch	HDG Coupling	Outside Diameter	Internal Diameter
20	WMI-20VHD-A	4M	1.6mm	1.5	supplied	20mm	16.8mm
25	WMI-25VHD-A	4M	1.8mm	1.5	supplied	25mm	21.4mm
32	WMI-32VHD-A	4M	1.8mm	1.5	supplied	32mm	28.4mm
40	WMI-40VHD-A	4M	1.8mm	1.5	supplied	40mm	36.4mm
50	WMI-50VHD-A	4M	2.0mm	1.5	supplied	50mm	46.0mm
63	WMI-63VHD-A	4M	2.0mm	1.5	supplied	63.5mm	59.9mm

Advantages of WMIS Maxi-Tube: (registered trade name of Orrcon Industries)

- (a) Greater corrosion resistance than Batch Hot-Dip Galvanized Steel Tube.
- (b) Suited for coastal, Industrial, Intensive farming, Food processing, Industry & Infrastructure applications.
- (c) Available with a warranty of up to 25years, and for the first time a defined warranty is available for pre-coated tube in areas less than 1 km from marine influence.
- (d) Lower life cycle and maintenance costs compared to HDG products.
- (e) It can be successfully welded, painted and powder coated.
- (f) With a coated 2.5 times harder than Zinc, MAXI-TUBE delivers superior scratch resistance.
- (g) It has a lower carbon foot print due to reduced manufacturing processes and a longer product life.
- (h) It is aesthetically pleasing with zero spangle and a smooth satin finish.

"MAXI-TUBE is a significant innovation which takes durability performance of pre-coated steel tube and pipe to the next level. The Zinc, Aluminium, Magnesium alloy on the surface provides excellent corrosion resistance due to a better oxide coating layer." The ZM 275 coating on MAXI-TUBE® complies with the ZM 275 coating class specified in Table 3.3 of AS 1397. This coating class specification has good durability in aggressive environments and is an alternative to batch dipped zinc coated steel specified in AS4680. The ZM 275 coated MAXI-TUBE® is a durable alternative in aggressive environments for the gauge range of coated steel conduit sections supplied in the market.* As quoted by Professor Andy Atrens – Head Division of Materials Engineering, University of Queensland.