

MetroDrain Twinwall Corrugated Drainage Pipe

Description	-	HDPE twinwall plastic pipe with a corrugated exterior and smooth interior available with perforations for use as drainage in highways and other drainage applications where the pipe is not to be adopted by a water authority.
Material	-	Pipe: 70% recycled High-density Polyethylene (HDPE) (outer wall) & 30% virgin High-density Polyethylene (HDPE) (inner wall). Coupler: 100% recycled Polypropylene copolymer (PPCP) or virgin Linear low density polyethylene (LLDPE). Seal: Virgin EPDM Rubber to BS EN 681-1.
Colour	-	Pipe: Black outer wall and Green inner wall. Couplers: Black
Quality System & Inspection	-	All quality systems and inspection procedures comply with BS EN ISO 9001: 2015 (Certificate No: FM 01420)
Standards & Certificates	-	Complies with MCHW clause 518 tables 5/9 and 5/11, BBA HAPAS certificate for sizes up to 900mm.
Packaging	-	Supplied in 6 metre lengths in U frames (quantity of product per packaged unit is dependent upon the external diameter of the product).
Storage	-	For long term storage keep away from direct sunlight to avoid product degradation, over 12 months exposure to direct sunlight should be avoided.

Product Details

Nominal Size (ID)	150	225	300	375	450	600	750	900	1050**
Minimum Internal Diameter (mm)	147.9	225	300.5	373.5	446.0	593	738	887	1035
Nominal External Diameter (mm)	173	264.9	352.9	432.5	518.3	692.4	860	1034	1190
Nominal Length (m)	6	6	6	6	6	6	6	6	6
Nominal Pipe Weight (kg)	8.4	18	30	45	66	112	165	240	312
Qty per pack or load***	33	14	9	5	4	28/load	18/load	8/load	8/load
Pack size (m - LxWxH)	6.0x1.2x1.1	6.0x1.2x1.1	6.0x1.2x1.2	6.0x1.3x1.1	6.0x1.2x1.2	N/A	N/A	N/A	N/A
Pack/Load Weight (kg)	292	270	286	236	274	N/A	N/A	N/A	N/A
Minimum Short Term Ring Stiffness	6kN/m ² (SN6)	6kN/m ² (SN6)	6kN/m ² (SN6)	6kN/m ² (SN6)	6kN/m ² (SN6)	6kN/m ² (SN6)	6kN/m ² (SN6)	6kN/m ² (SN6)	6kN/m ² (SN6)
Resistance to Impact (0°C)	As per MCHW Clause 518 table 5/9	As per MCHW Clause 518 table 5/9	As per MCHW Clause 518 table 5/9	As per MCHW Clause 518 table 5/9	As per MCHW Clause 518 table 5/9	As per MCHW Clause 518 table 5/9	As per MCHW Clause 518 table 5/9	As per MCHW Clause 518 table 5/9	As per MCHW Clause 518 table 5/9

** - Non certified. (HAPAS does not apply to plastic pipes over 900mm)

*** - sizes 600mm and above are supplied loose.

Author: A. Cliff

Authority: R. Edwards

Document Number:ND-PP-018

Date of Issue: 14-04-2020

Revision: B