

MetroDrain LC 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: 100% recycled High-density Polyethylene (HDPE). Coupler: 100% recycled Polypropylene copolymer (PPCP). Seal: Virgin EPDM Rubber to BS EN 681-1.
Colour	-	Pipe: Black outer wall and Black 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 certification pending.
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

	150	225	300	375	450	600
Nominal Size (ID)	150	225	300	375	450	600
Nominal Internal Diameter (mm)	150	225	300	375	450	600
Nominal External Diameter (mm)	173	264.9	352.9	432.5	518.3	691.4
Nominal Length (m)	6	6	6	6	6	6
Nominal Pipe Weight (kg)	9.8	19.65	30	44	64.5	126
Qty per pack or load*	33	14	9	5	4	28/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
Pack/Load Weight (kg)	338	290	285	235	273	N/A
Minimum Short Term Ring Stiffness	6kN/m ² (SN6)					
Resistance to Impact (0°C)	As per MCHW Clause 518 table 5/9					
Global warming potential (kg CO ₂ e / 6m stick)	6.0	12.5	18.9	28	40.8	79.3
Global warming potential reduction vs Metrodrain	44%	46%	51%	51%	51%	45%

Author: A. Cliff

Authority: R. Edwards

Document Number:ND-PP-022

Date of Issue: 29-06-2023

Revision: 1