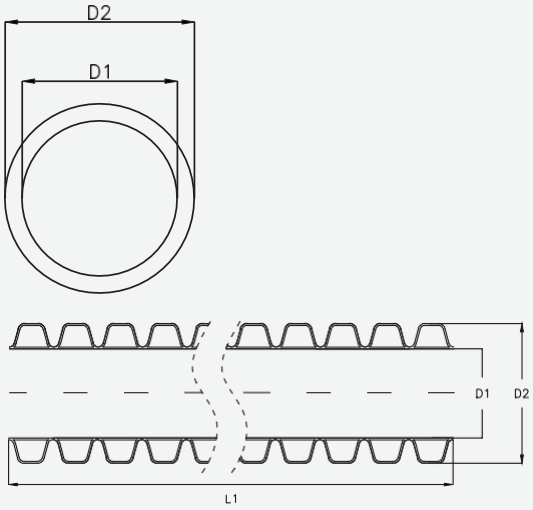
DATA SHEET

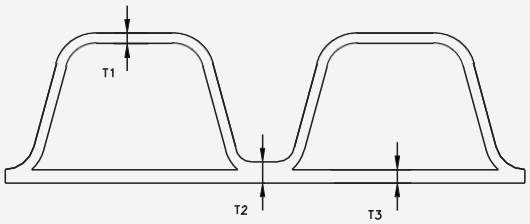
CHERRY PIPES

450mm Twin Wall Filter Pipe

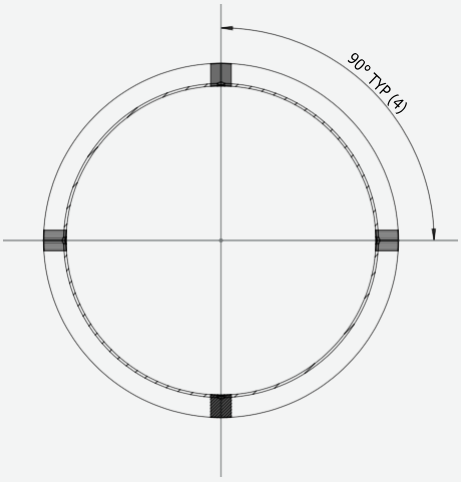
Pipe Wall Profile



Pipe Wall Cross-section



Perforation Patterns



PATTERN C
(NOT TO SCALE)

Dimensions

d_1	Inside Diameter	450 mm
d_2	Outside Diameter	511 mm
L1	Length	6000 mm

Design Values

Ring Stiffness	> 6 KN/m²
Creep Ratio	< 4
Life Span	50 Years

Wall Thickness

Location		MIN (mm)
T1	Crest Wall	1.73
T2	Double Wall	4.67
T3	Liner Wall	2.41

Perforations

No. of slots per dwell	4
No. of Rows of Slots	4
No. of dwells per metre	20
Slot Length	50
Slot Width	2.5
Minimum Permeable area	5000
Perforation Pattern	C

Water Flow Characteristics

The Pipes will have normal characteristics associated with thermoplastic pipes. Full bore velocities are available from the table for Hydraulic Design of Pipes, Sewers and Channels, Volume 2, 7th Edition by H R Wallingford and D I H Barr. Appropriate values are based on the Colebrook-White equation.

BBA APPROVAL INSPECTION TESTING CERTIFICATION
CERTIFICATE 07/H130

KM557607

ISO 9001:2015 Quality Management

ISO 14001:2015 Environmental Management

SS450F2025 V2

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