

CUT

CUT

CARD 1

0 inches

1

2

3

Borehole volumes
(approximate)

Lining inside dia. (mm)	Volume per metre depth (litres)
17	0.2
20	0.3
25	0.5
35	1
50	2
75	4
100	8
150	18
200	31
250	49
300	71
1000	785

1 litre = 0.22 gallons
1 gallon = 4.546 litres

waterra
Groundwater Monitoring Equipment
Tel: +44 (0)121 733 7743
www.WaterraUK.com

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FOLD

0 mm

10

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30

40

50

60

70

80

90

waterra
Inertial Pumps
System Data

Typical Bore-hole ID (mm)	Inertial Pump Tubing		Foot Valves	Tube and Valve OD (mm)	Depth of Operation (m)		Typical Pumping Rates (litres/min)	
	System Code	OD x ID (mm)			Volume (litres/m)	Manual		with PPI
30-200	HF	25 x 21	0.35	V55	25	5-10	40	5-10
50-200				D-32	32			
20-100	STD	16 x 13	0.13	V54	16	5-10	40	2-8
30-100				D-25	25			
20-100	STD-X	16 x 10	0.08	V53	16	13-25	60	0.5-2
16-19	LF	13 x 10	0.08	V53	13	13-25	60	0.5-2
13-16	MF	10 x 6	0.03	V52	10	20-30	60	0.2-1
9-12	SMF	6 x 4	0.01	V51	6	30-40	60	0.1-0.5

Note: Pumping rates vary with depth of submergence below water level and total head pumped
See Inertial Pump Instruction Sheet for further information

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Instructions

1. Cut the perimeter edges around the two cards using a paper trimmer.
2. Cut in half to separate the two cards, then fold each in half.
3. Place each folded card in an A7 laminating pouch ready for sealing