

⚠ Residual Risks ⚠

General Notes

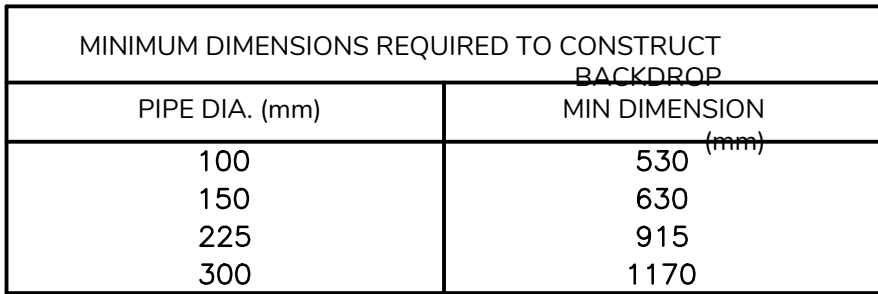
- Legend



TO BE USED WHERE COVER TO PIPE IS:

1. LESS THAN 1.2m IN TRAFFICKED AREAS
2. LESS THAN 0.90m IN FIELDS
3. LESS THAN 0.6m IN LANDSCAPED AREAS
4. LESS THAN 0.3m BENEATH BUILDING SLABS

Y VALUE:
HARD SPOTS/IRREGULAR TRENCH BOTTOM BC/4
(200mm MIN)
EVEN TRENCH BOTTOM BC/6 (100mm MIN)
BC = OUTSIDE PIPE DIAMETER



NOMINAL DIA. (mm)	EFFECTIVE LENGTH (m)
150 to 600	0.6
675 to 750	1.0
825 & over	1.25



A cross-sectional diagram of a flexible pipe joint. It shows two pipe sections meeting at a central joint. The joint consists of a central gasket or sealant material held between two flanges. The pipe sections are shown with a textured interior and a smooth exterior. An arrow points from the text 'FLEXIBLE PIPE JOINT' to the central joint area.

(BITUMEN IMPREGNATED INSULATING BOARD TO BS EN 622-1 AND BS EN 622-4)

PIPE Ø	JOINT THICKNESS
< 450	18mm
450 - 1200	36mm
>1200	54mm

TRENCH WIDTHS	
PIPE I.D.	OVERALL TRENCH WIDTH
100	550
150	600
225	700
300	850
375	1050
450	1150
525	1200
600	1350
675	1450
750	1500
825	1600
900	1900
1050	2100
1200	2300
1350	2500
1500	2700
1800	3100

FOR RIGID PIPES THE BEDDING SHOULD BE SINGLE SIZE MATERIAL OR GRADED MATERIAL FROM 5mm UP TO A MAX SIZE OF 10mm FOR 100mm PIPES; 14mm FOR 150mm PIPES; 20mm FOR 225mm TO 600mm PIPES; 40mm FOR OVER 600mm PIPES

[illegible]

BS EN 13242. COARSE AGGREGATE (CLAUSE 4.3.2)		
CATEGORY FOR GENERAL GRADING REQUIREMENTS	Gc80-20	
CATEGORY FOR TOLERANCES AT MID-SIZE SIEVES	GTnr (NO REQUIREMENTS)	
CATEGORY PF MAXIMUM VALUES OF FINES CONTENTS	GRAVEL - F1.5 CRUSHED ROCK, RECYCLED AGGREGATE - F4	
NOMINAL PIPE DIAMETER, mm	AGGREGATE SIZE, mm	
	GRADED	SINGLE SIZED
NOT EXCEEDING 140	-	4/10
EXCEEDING 140 BUT NOT EXCEEDING 400	2/14 or 4/20	4/10, 6/14 or 10/20
EXCEEDING 400	2/14, 4/20 or 4/40	4/10, 6/14, 10/20 or 20/40

P01	14/12/21	First issue	ARJ	BKD	JDY	JDY
Rev	Date	Description	Drw	Chk	Revd	App

status:

Preliminary

ient:

Powerhouse Systems

Project:

Cringle Road
Manchester

Drawing

S104 Construction Details
Sheet 2 of 2

Drawing Number

M20066-DYSE-XX-ZZ-DR-C-1127

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