



unitec®
HDPE PIPE
Soil & Waste

HDPE

SOIL & WASTE

The ultimate solution for all types of drainage



**ZERO
LEAK**



**CHEMICAL
RESISTANT**



**HIGH TEMPERATURE
RATING**



LIGHTWEIGHT



DURABILITY

CHARACTERISTICS AND ADVANTAGES

UNITEC HDPE DRAINAGE SYSTEM

HDPE PIPE X 5M

Sizes (mm)

50 x 3.0 (SDR 17)
63 x 3.0 (SDR 21)
75 x 3.0 (SDR 26)
90 x 3.5 (SDR 26)
110 x 4.2 (SDR 26)
125 x 4.8 (SDR 26)
160 x 6.2 (SDR 26)
200 x 7.7 (SDR 26)
250 x 9.6 (SDR 26)
315 x 12.1 (SDR 26)
200 x 6.2 (SDR 33)
250 x 7.8 (SDR 33)
315 x 9.8 (SDR 33)



Unitec HDPE (High-density polyethylene) drainage system is the ultimate solution for all types of drainage including soil and waste, above ground, below ground and chemical waste.

Unitec HDPE Drainage system is suitable for residential and industrial buildings, for laboratories, embedded in concrete or buried underground.

Unitec HDPE Pipes and fittings are available in sizes from diameter 50mm to 315mm; bigger sizes can also be fabricated on request.

UNITEC HDPE PIPES AND FITTINGS

WYE BRANCH 45°

Sizes (mm)



50 x 50	90 x 63	110 x 110	160 x 110	250 x 160
63 x 50	90 x 75	125 x 75	160 x 125	250 x 200
63 x 63	90 x 90	125 x 90	160 x 160	250 x 250
75 x 50	110 x 50	125 x 110	200 x 110	315 x 200
75 x 63	110 x 63	125 x 125	200 x 125	315 x 250
75 x 75	110 x 75	160 x 75	200 x 160	315 x 315
90 x 50	110 x 90	160 x 90	200 x 200	

ECCENTRIC REDUCER

Sizes (mm)



63 x 50	110 x 50	125 x 110	200 x 160
75 x 50	110 x 63	160 x 90	250 x 160
75 x 63	110 x 75	160 x 110	250 x 200
90 x 50	110 x 90	160 x 125	315 x 200
90 x 63	125 x 75	200 x 110	315 x 250
90 x 75	125 x 90	200 x 125	

ELBOW 45°

Sizes



50 mm	200 mm
63 mm	250 mm
75 mm	315 mm
90 mm	
110 mm	
125 mm	
160 mm	

ACCESS TEE 45°

Sizes



110 x 110 mm
125 x 110 mm
160 x 110 mm

ACCESS CAP

Sizes



50 mm	160 mm
63 mm	200 mm
75 mm	
90 mm	
110 mm	
125 mm	

BRANCH 88 1/2°

Sizes (mm)



50 x 50	90 x 75
63 x 50	90 x 90
63 x 63	110 x 50
75 x 50	110 x 63
75 x 63	110 x 75
75 x 75	110 x 90
90 x 50	110 x 110
90 x 63	

AERATOR

Size



110 x 110mm

ELBOW 90°

Sizes



50 mm	200 mm
63 mm	250 mm
75 mm	315 mm
90 mm	
110 mm	
125 mm	
160 mm	

ELECTRO-FUSION COUPLER

Sizes



50 mm	200 mm
63 mm	250 mm
75 mm	315 mm
90 mm	
110 mm	
125 mm	
160 mm	

P-TRAP

Sizes



50 mm
63 mm
75 mm
110 mm

BUTT WELDING & ELECTROFUSION WELDING

BUTT WELDING MACHINE (UNIVERSAL)

Size



40-160mm

BUTT WELDING MACHINE MAXI

Sizes



125-315

ELECTRO WELDING MACHINE

Sizes



040-315 mm
040-160 mm

BUTT WELDING MIRROR (COMPLETE WITH METAL CASE)

Sizes



200mm (for 50-160mm)
300mm (for 50-250mm)

INSTALLATION TECHNIQUES

Butt Welding - This technique is the ideal way for space-saving connections. Semi or fully automatic welding machines are utilized to achieve butt-fusion connections.

Electro-Fusion Welding - This technique is the ideal jointing method on-site, specifically suitable for installations in tight spaces like mechanical shafts. The process is easy and fast resulting reliable connections. Electro-fusion couplings are used in this process, which are available in sizes from 50 to 315mm.

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