

Chambers and Sumps



TWINWALL chambers are adaptable to any site requirements.
 Base sizes = 200mm, 400mm and 630mm
 Inlet/Outlet sizes = 110mm, 160mm, 200mm, 250mm, 315mm and 400mm

Assembly



TWINWALL socket - TWINWALL branch - TWINWALL pipe end
 Examine and clean socket, sealing ring and pipe spigot. Lubricate sealing ring inside of socket, push components together.



TWINWALL socket - Seal retaining ring and sealing ring - Smooth pipe end
 Examine and clean socket, sealing ring and pipe end. Lubricate sealing ring and inside of socket, mount sealing ring in socket, push socket and smooth pipe together.



Smooth pipe end - TWINWALL PVC socket adaptor - TWINWALL pipe end
 A TWINWALL coupler is recommended for joining a TWINWALL pipe to a socket designed to fit smooth solid wall PVC pipe.



Cutting Pipe



Mounting Sealing Ring

Nationwide Delivery



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IS EN 13476-1
 Approved



Part of the Lining Services Group of Companies

IS EN 13476-1
 Irish Standard European Norm



www.wsg.ie



TWIN-WALL POLYPROPYLENE CORRUGATED PIPE-SYSTEM

TWINWALL pipes have been designed for sewerage, stormwater ducting systems, drainage for roads, landfills, railways, highway works with heavy traffic loads etc.

Our TWINWALL pipe range is an 8kN/m² or 4kN/m² polypropylene pipe system made to the highest standards and is designed to complement our current range of pipes in HDPE, UPVC and PP.

The pipe is a non-pressure system with spigot and socket fittings including a complete range of fittings, including adaptors and saddles to join to all standard pipes manufactured from other materials.

All pipes come in 6 metre lengths with sizes ranging from 110mmø up to and including 800mmø.

TWINWALL PIPE SYSTEMS

TWINWALL Pipes

Pipe length 6m

Outside diameter	Inside diameter
110mm	97mm
160mm	139mm
200mm	174mm
250mm	218mm
315mm	276mm
400mm	348mm
500mm	435mm
630mm	548mm
800mm	705mm



Spigot



Socket

Larger diameters on request

TWINWALL Fittings

TWINWALL Bend

Outside diameter	Bend			
	90°	45°	30°	15°
110	✓	✓	✓	✓
160	✓	✓	✓	✓
200	✓	✓	✓	✓
250	✓	✓	✓	✓
315	✓	✓	✓	✓
400	✓	✓	✓	✓
500	✓	✓	✓	✓
630	✓	✓	✓	✓
800	✓	✓	✓	✓



TWINWALL Branch 45°

Outside diameter from	Outside diameter to				
	160	200	315	400	500
160	✓	✓	✓	✓	✓
200	✓	✓	✓	✓	✓
250	✓	✓	✓	✓	✓
315	✓	✓	✓	✓	✓
400	✓	✓	✓	✓	✓
500	✓	✓	✓	✓	✓
630	✓	✓	✓	✓	✓
800	✓	✓	✓	✓	✓



TWINWALL Double Coupling

Outside diameter
110
160
200
250
315
400
500
630
800



TWINWALL Repair/Slip Coupling

Outside diameter
110
160
200
250
315
400
500
630
800



TWINWALL PVC Socket Adaptor

Outside diameter
160
200
250
315
400
500
630



TWINWALL End Cap

Outside diameter
160
200
250
315
400
500
630
800



TWINWALL Plug

Outside diameter
160
200
250
315
400
500
630



TWINWALL Reducer Eccentric

Outside diameter
160 x 110
200 x 160
250 x 200
315 x 200
315 x 250
400 x 250
400 x 315
500 x 400



TWINWALL PVC Adaptor (adaptor & rubber ring)

Outside diameter
110
160
200
250
315
400
500



TWINWALL Lateral Saddles

Outside diameter
250 x 160
315 x 160
400 x 160
500 x 160
630 x 160



TWINWALL Saddle

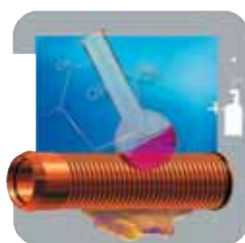
Outside diameter
160
200
250
315



CHARACTERISTICS



Resistant to high temperatures
up to 60°C for constant flow and up to 95-100°C for sewage passage



High chemical resistance
both for aggressive sewage and an aggressive environment



Easy to cut
TWINWALL pipes can be cut to any length with the use of a fine-tooth carpenter's saw.



Ring stiffness
Ring stiffness, which for the entire range of diameters equals 8 kN/m².



Impact strength
crack resistant, including temperatures below 0°C (up to 20°C) which makes transport and assembly easy in winter conditions



Easy to assemble
easily joined with smooth-wall PP and PVC pipes, and cladding can be applied interchangeably in each system.