

## Weholite Jointing Systems

The most efficient method of jointing is selected for each specific application, in order to ensure that the pipeline remains watertight, durable and effective despite the potential for poor ground conditions where there is the risk of excessive movement.



### → Heat Extrusion Jointing

This process provides an economical and fast method of delivering a continuous long length of pipeline, test-proven to be the industry's strongest and most reliable method for joining structured wall pipes of diameters up to 3.5 metres.

The welding conforms to DIN DVS 2207 "Welding Thermoplastics – Extrusion Welding of Pipes, Piping Parts and Panels."

Pipe sections are welded together using a substantial amount of Weholite material; consequently the tensile strength of the weld is even stronger than the yield stress of the profile, ensuring that any two sections of pipe, that are welded together, behave as one homogeneous pipeline.



#### → **Lateral Connections**

The WRc-approved, Universal Adaptor (UA) Saddle, manufactured by Flexseal, can be used with Weholite. When used in conjunction with a Flexseal coupling it is an easy-to-fit product for connecting 160mm laterals into Weholite post-installation.

#### → **Mechanical Couplings**

Mechanical Couplings are popular with Water Companies, civil engineers and building contractors as they allow generous pipe angulation, expansion and contraction. They have been used on Weholite in sizes up to 3.3 metres in external diameter.

#### → **Weholite Flat Bands**

Manufactured from HDPE and with a design life as long as Weholite, these flexible bands are used for sand-tight joints or for location purposes.

#### → **Others**

We are able to manufacture and supply PN, bespoke and puddle flanges by design, and to produce HDPE Wall Couplers for casting into concrete structures.



WJS DS/0620