

Chemical Couplings

100-1000mm diameter



See page 40
for full standard details

Provide a watertight connection where a chemically inert flexible coupling is required

Introduction

Flexseal Chemical Couplings provide a flexible and watertight connection on underground drainage systems that require a high chemical resistance to a wide range of chemicals.

Manufactured to meet specific site requirements, Flexseal Chemical couplings are able to withstand the widest possible range of chemicals, due to the shear band and clamping bands encasing a high performance elastomeric sleeve with a chemically resistant one-piece Fluoropolymer (FEP) liner and expanded PTFE seals.

Flexseal Chemical Couplings are available with EPDM rubber sleeves, or nitrile rubber for additional protection against effluent which may be contaminated with hydrocarbons. The range is available with either Grade 1.4301 (304) or Grade 1.4401 (316) stainless steel clamp and shear bands.

Please contact our sales office for further details.



Benefits

- Meet specific site and contractor requirements
- Watertight connection on chemical drainage systems
- Highly chemical resistant



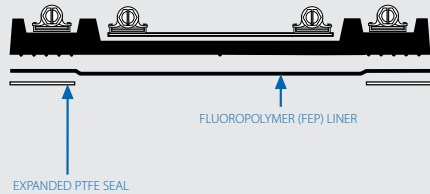
Scan here for a demo movie





Applications

- Used on chemical resistant drainage systems
- Joint flexibility enables pipeline to accommodate settlement during construction, and subsequent differential ground settlement
- Suitable for above ground and underground drainage applications



Installation Process

- 01 Ensure the pipe ends are free from debris and chamfered to a minimum of 3mm x 45°
- 02 Slide the sleeve and coupling onto the pipes and butt the pipes together
- 03 Mark off the positions for the PTFE seals symmetrically, to ensure they are directly underneath the clamp bands
- 04 Fit the self adhesive seals onto the pipes, overlapping the tape ends
- 05 Slide the FEP liner over the seals and apply hot air evenly to shrink it onto the pipe
- 06 Position the coupling centrally over the liner and tighten to the recommended torque

