



**FLO-TEK**<sup>®</sup>

Flow better with us

**HDPE** *Products*



# FITTINGS

Flo-Tek stocks a wide range of butt-weld, compression, electro-fusion and socket-weld fittings. All fittings are made from PE100 and sizes range from 16mm to 1000mm (Depends fitting). All moulded fittings conform to various international quality standards and certification.

## JOINTING METHODS

One of the greatest features of HDPE pipe is that a wide range of jointing systems are available to suite any application. The jointing systems can be divided into two main categories with further sub-divisions in each category.

### Permanent Jointing



Buttwelding



Electrofusion



### Non-Permanent (detachable) Jointing



Tak / Vitaulic System



Compression Fittings



Flanging



Stubs

## Moulded Fittings Range

### 1. Compression Fittings

- Coupling
- 90 Degree Elbow
- 90 Degree Elbow (Male / Female)
- Tees (Reducing / Female / Male)
- Endplugs
- Flanged Adaptor
- Reducing Coupling
- Male / Female Adaptor

### 2. PE100 Electrofusion Fittings

- Couplers

### 3. Clamp Saddles

- Reinforced Saddle
- Unreinforced Saddle
- \*All Other Saddles Available On Request

### 4. Electrofusion Reducers

### 5. PP Flanges

### 6. Transition Fittings

### 7. Electrofusion Tees

### 8. Electrofusion Elbows

### 9. Electrofusion Branch Saddles

### 10. Electrofusion Tapping Saddles



## Fabricated Fittings

Flo-Tek fabricates all types of fittings out of our PE100 piping. Laterals, Tees, Seamless bends, segmented bends and stubs. We can fabricate per drawing and as per requirements.

### Product Range

#### 1. PE100 Moulded Butt weld Fittings

- 90 Degree Elbow Long Spigot
- Tee Long Spigot
- End Cap Long Spigot
- Reducing Tee Long Spigot
- Reducer Long Spigot
- Stub Long Spigot Cross Long Spigot
- Reducing Cross Long Spigot

#### 2. PE100 Fabricated Butt weld Fittings

- PE100 Fabricated Stubs
- Segmented Bends
- Seamless Bend
- Fabricated Tees
- Fabricated Lateral



## Flanges

We have our own range of flanges, from 20mm upto 2000mm. The flanges are mildsteel, hot-dipped galvanised and conforms to SANS 1123. All other flanges are available on request.

### Product Range

- 1000/3
- Table D
- 1600/3
- ASA150



## Valves

We have a wide range of valves available in Steel and Thermo-Plastics.



### Product Range

- Flanged Resilient Seated Gate Valve – SABS 664
- Socketed Resilient Seated Gate Valve – SABS 664
- Plain End Resilient Seated Gate Valve
- Manufactured Flanged Resilient Seated Gate Valve – PN16
- Flanged Wedge Gate Valve – PN16 – SABS 664
- Resilient Seated Gate Valve – Rising Spindle – SABS 665
- Wedge Gate Valve Industrial Pattern -Non Rising Spindle – PN 10
- Wedge Gate Valve Industrial Pattern – Rising Spindle – PN 10
- Shouldered Butterfly Valve – Rubber Lined Disc
- Shouldered Non Return Valve
- Shouldered Coupling
- Diaphragm Valve
- Butterfly Valve Wafer Nickel Plated Disc -PN16 Pinned
- Butterfly Valves Wafer Type 316SS Disc-PN16 Pinned
- Gearbox for Butterfly Valve Wafer type
- Butterfly Valve Wafer Type, 304 Stainless Steel Disc Pinned
- Butterfly Valve Wafer Type, 316SS disc, Pinless – PN25
- EPNS Butterfly Valves Wafer 316 Stainless Steel Body & Disc [Spline Shaft] PTFE Liner-PN16
- Double Eccentric Flanged Butterfly Valves
- Slurry Wafer Butterfly Valves

### FIRE HYDRANTS

