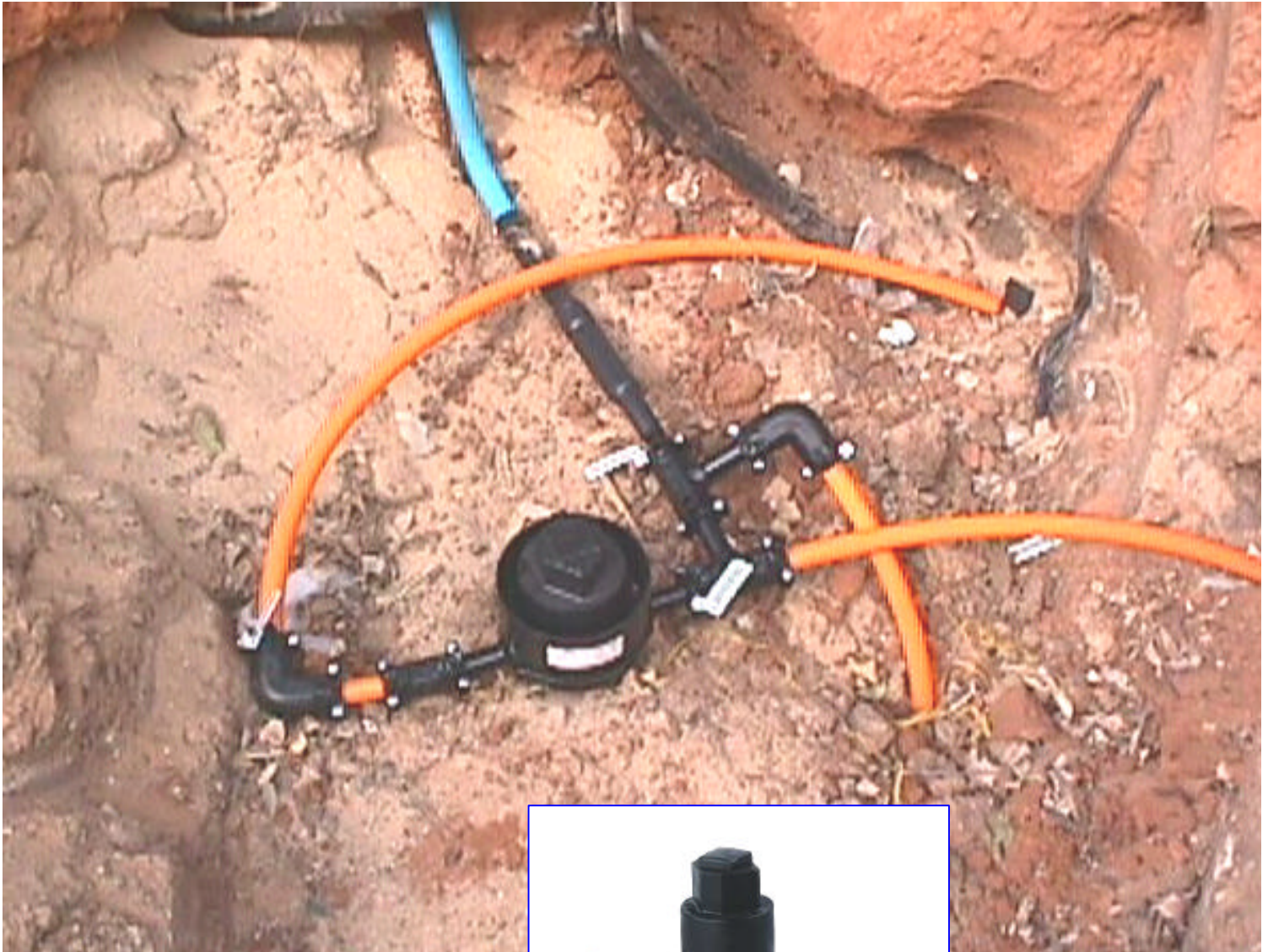


POLYVALVE – PE Ball Valve

Totally Economical from small to large

The Final Step to a Full PE Distribution System

Full Bore!
Now available



POLYVALVE – Ball Valves

With POLYVALVE - PE Ball Valves the realisation of a total Plastic network becomes a reality. The valve can be installed into a pipe system without the need for traditional materials such as flanges and rubber seals. Ensuring total leak-free plastic pipe system.



GEORG FISCHER +GF+

POLYVALVE – Ball Valve

Technology for the Future

- Body and spigot ends are manufactured using the latest PE100 material.(Exception d225-PE80)
- Wall thickness corresponds to SDR 11: Pressure Rating PN 16 (Water),PN 10 (Gas)
- Seals are made from gas resistant NBR, suitable for Gas, Water and Sewage applications
- Product Range for d20 to d 225: Spherical Valve d20 - d40, Ball Valve d50 - d225
- Valve ball is manufactured from Polypropylene, the valve sphere from Acetal
- Full Bore range available for most common dimensions.



- Values for Standard Valves

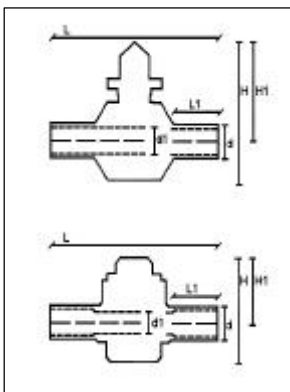
Value for Natural Gas	d32	d40	d50	d63	d90	d110	d125	d160	d180	d200	d225
Operating Torque [Nm]	10	10	5	5	5	10	10	35	35	35	65
Pressure Drop Pipe Length [m]	2.2	3.96	0.70	1.68	5.95.	7.35	7.90	8.40	13.40	20.10	15.30

The Step to a Full PE Network

- Safe and quick connections to the PE pipe network with Electro- or Butt Fusion. There is no other more economical way to install a system from one material.
- The total pipe network has the same properties. Every link in the chain reacts the same as the previous one the effects of the environment and of the transported media are the same for all components. There are no potential weak links in the system.
- What can show the quality of a product better than 25 years experience and more that 3 million PE Ball Valves installed?
- Valve position (open/closed) is shown, in addition valve is protected from over tightening through misuse.

Range Overview

Full Bore Valves are highlighted!



d	Code	d ₁	L	L ₁	H	H ₁	kg
20	193103031	22.9	254	74.5	127	78	0.75
25	193103032	22.9	254	74.5	127	78	0.75
32	193103033	22.9	254	74.5	127	78	0.75
40	193103034	22.9	254	74.5	127	78	0.75
50	193103035	47	325	91	231	164	1.50
63	193103036	47	325	91	227	145	1.70
75	193103037	47	325	91	231	164	1.90
90	193103038	47	325	91	231	164	2.00
90	193104038	63.5	430	67	280	195	4.00
110	193103039	63.5	405	112	290	205	4.00
110	193104039	92	561	100	359	242	9.60
125	193103040	63.5	405	112	290	205	4.30
140	193103041	92	508				9.60
160	193103042	92	508	160	363	263	9.60
160	193104042	120	645	145	475	325	17.00
180	193103043	92	540	123	364	247	10.00
200	193103044	92	540	123	364	247	10.80
225	173103045	120	540	240	427	320	19.30

The technical data are not binding. They are not warranted characteristics and are subject to change. Please consult our General Conditions of Supply.