

GeoFusion

Viega GeoFusion socket fusion fittings are a reliable, high-quality option for ground source heat exchange applications. With 20 years experience in socket fusion fitting production, Viega GeoFusion fittings provide installers with the superior products they need to connect open and closed-loop geothermal and hydronic distribution piping systems.

FEATURES AND BENEFITS

- Variety of brass-to-PE adapters and one piece molded reducers in sizes ¾" to 2"
- Enhanced performance due to high quality PE4710 resin
- Superior resistance to Slow Crack Growth (SCG)
- Reduced lead time
- Compliance with ASTM D-2683
- Trusted superiority through ISO certification

CODES AND STANDARDS

- NSF 358-1: Polyethylene pipe and fittings for water-based ground-source "geothermal" heat pump systems
- ASTM D-2683: Standard specification for socket-type polyethylene fittings for outside diameter-controlled polyethylene pipe and tubing



Viega GeoFusion swivel adapter
 - High density polyethylene (HDPE)
 - Socket fusion, swivel nut
Model V9049

IPS	Swivel Nut	Wt [lb]	Quantity	Part No	DG
¾	1	0.320	25	39180	11
1	1	0.354	25	39181	11
1¼	1	0.463	25	39182	11



Viega GeoFusion swivel adapter
 - Brass
 - Male pipe thread, swivel nut
Model V9013.1

MPT	Swivel Nut	Wt [lb]	Quantity	Part No	DG
1	¾	0.306	10	50648	11
1	1	0.385	10	50647	11
1	1¼	0.460	50	48420	11

Caps



Viega GeoFusion cap
 - High density polyethylene (HDPE)
 - Socket fusion
Model V9056

IPS	Wt [lb]	Quantity	Part No	DG
¾	0.051	100	39190	11
1	0.038	100	39191	11
1¼	0.049	100	39192	11
1½	0.157	50	39193	11
2	0.213	25	39194	11

Couplings



Viega GeoFusion coupling
 - High density polyethylene (HDPE)
 - Socket fusion
Model V9015

IPS1	IPS2	Wt [lb]	Quantity	Part No	DG
¾	¾	0.038	100	39020	11
1	¾	0.055	100	39021	11
1	1	0.088	75	39022	11
1¼	¾	0.059	50	39023	11
1¼	1	0.081	50	39024	11
1¼	1¼	0.100	50	39025	11
1½	¾	0.117	25	39027	11
1½	1	0.145	25	39028	11
1½	1¼	0.155	25	39029	11
1½	1½	0.147	25	39030	11
2	1	0.209	25	39031	11
2	1¼	0.170	25	39032	11
2	1½	0.160	25	39033	11
2	2	0.150	25	39034	11

Manifolds



Viega GeoFusion header assembly
 - High density polyethylene (HDPE)
 - Socket fusion, IPS branch socket fusion
Model V9040

IPS	IPS Branch	Wt [lb]	Quantity	Part No	DG
1¼	¾	0.700	10	39170	11
1¼	4¾	1.017	10	39171	11
1¼	5¾	1.144	25	39172	11
1¼	6¾	1.374	25	39173	11