

GeoFusion



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GeoFusion

Viega GeoFusion socket fusion fittings are a reliable, high-quality option for ground-source heat-exchange applications. With 25 years of 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-HDPE adapters and one-piece molded reducers in sizes $\frac{3}{4}$ " to 2"
- Molded from high-performance PE4710 bimodal resin with superior resistance to Slow Crack Growth (SCG)
- Reduced lead time
- Compliance with ASTM D2683
- Trusted manufacturing quality and superiority through ISO 9001-2008 registration

CODES AND STANDARDS

- ASTM D2683: Standard specification for socket-type polyethylene fittings for outside diameter-controlled polyethylene pipe and tubing
- NSF 358-1: Polyethylene pipe and fittings for water-based ground-source "geothermal" heat-pump systems
- NSF: ANSI/NSF 358-1
- NSF: ASTM D2683



Viega GeoFusion header tee
 - High density polyethylene (HDPE)
 - Socket fusion, stub socket fusion
Model V9018.2

IPS1	Stub	IPS2	Wt [lb]	Quantity	Part No	DG
1	1	¾	0.269	25	39140	11
1	1	1	0.263	25	39141	11
1¼	1	¾	0.315	25	39142	11
1¼	1	1	0.309	25	39143	11
1¼	1¼	¾	0.333	25	39144	11
1¼	1¼	1	0.313	50	39145	11



Viega GeoFusion adapter tee
 - High density polyethylene (HDPE)
 - Socket fusion, male nominal thread
Model V9018.8

IPS1	IPS2	MNT	Wt [lb]	Quantity	Part No	DG
1¼	1¼	1	0.450	10	39162	11



Viega GeoFusion adapter tee
 - High density polyethylene (HDPE)
 - Female pipe thread, male nominal thread, socket fusion
Model V9018.5

FPT	MNT	IPS	Wt [lb]	Quantity	Part No	DG
½	1	1	0.470	10	39150	11



Viega GeoFusion adapter tee
 - High density polyethylene (HDPE)
 - Socket fusion, male nominal thread, female pipe thread
Model V9018.6

IPS	MNT	FPT	Wt [lb]	Quantity	Part No	DG
¾	1	½	0.390	10	39155	11
1	1	½	0.430	10	39156	11



Viega GeoFusion adapter tee
 - High density polyethylene (HDPE)
 - Socket fusion, female pipe thread
Model V9018.7

IPS1	IPS2	FPT	Wt [lb]	Quantity	Part No	DG
¾	¾	½	0.209	75	39160	11
1	1	½	0.261	50	39161	11

Adapters



Viega GeoFusion adapter
 - High density polyethylene (HDPE)
 - Socket fusion, male pipe thread
Model V9011

IPS	MPT	Wt [lb]	Quantity	Part No	DG
¾	¾	0.298	25	39001	11
¾	1	0.459	25	39002	11
1	¾	0.310	25	39003	11
1	1	0.520	25	39004	11
1¼	¾	0.431	10	39005	11
1¼	1	0.524	25	39006	11
1¼	1¼	0.780	25	39007	11
1¼	1½	1.010	10	39008	11
1½	1½	1.152	10	39009	11
2	1¼	0.922	5	39010	11
2	1½	1.179	15	39011	11
2	2	1.720	15	39012	11



Viega GeoFusion adapter
 - High density polyethylene (HDPE)
 - Socket fusion, male nominal thread
Model V9015.3

IPS	MNT	Wt [lb]	Quantity	Part No	DG
¾	1	0.260	20	39040	11
1	1	0.260	20	39041	11
1¼	1¼	0.460	25	39044	11



Viega GeoFusion adapter
 - High density polyethylene (HDPE)
 - Socket fusion, female pipe thread
Model V9015.4

IPS	FPT	Wt [lb]	Quantity	Part No	DG
¾	¼	0.208	50	39050	11
¾	½	0.165	50	39051	11
1	¼	0.300	50	39052	11
1	½	0.261	20	39053	11
1	¾	0.320	50	39054	11