

High Density Polyethylene (HDPE) Electrofusion Fittings

HDPE Electrofusion Tap Tee – Butt Outlet



HDPE Electrofusion Tap Tees Fittings are available to meet your needs in compliance with ASTM D2513, F1055, F2897, and when applicable, AWWA C906 product standards.

Electrofusion Fittings are manufactured from a PE 4710 resin as listed in PPI-TR4.

HDPE Electrofusion Fitting Material Physical Properties

Property	Standard	Typical Value†
Material Designation	ASTM F412	PE4710
Cell Classification	ASTM D3350	445574C (black)
Density [4]	ASTM D4883	0.959 g/cc (black)
Flow Rate (HLMI, Condition 190/21.6)	ASTM D1238	8.0 g/10 min
Flexural Modulus [5]	ASTM D790	150,000 psi
Tensile Strength [5]	ASTM D638 Type IV	3625 psi
SCG (PENT) [7]	ASTM F1473	10,000 hours
HDB at 73°F (23°C) [4]	ASTM D2837	1600 psi
Color; UV stabilizer [C]	ASTM D3350	Black
Pressure Class (Gas)	49 CFR 192	125 psi
Pressure Class (Water) (2" and up)	AWWA C906	160 psi
Ambient Fusion Temperature	Manufacturer Specification	14°F-113°F

†This is not a product specification and does not guarantee or establish specific minimum or maximum values or manufacturing tolerance for material or piping products to be supplied. Values obtained from tests of specimens taken from piping product may vary from these typical values.

Electrofusion HDPE Tap Tee

Standard Tap Tees							
Outlet	Main Size	DR/Wall	Cutter	Weight (Ea)	Package	Part Number	Manufacturer Reference
1/2" CTS	1-1/4"	0.126	0.8	0.61	10	1120999	5963BU03013005
	2"	0.126	0.8	0.79	10	1121002	5963BU03020005
	3"	0.126	1.2	2.50	10	1120858	5963BU03030005
	4"	0.126	1.2	2.65	10	1120861	5963BU03040005
	6"	0.126	1.2	3.08	10	1121024	5963BU03060005
	8"	0.126	1.2	3.17	10	1121027	5963BU03080005
3/4" CTS	1-1/4"	0.125	0.8	0.61	10	1121000	5963BU03013007
	2"	0.125	0.8	0.79	10	1121003	5963BU03020007
	3"	0.125	1.2	2.50	10	1120859	5963BU03030007
	4"	0.125	1.2	2.65	10	1121022	5963BU03040007
	6"	0.125	1.2	3.08	10	1121025	5963BU03060007
	8"	0.125	1.2	3.17	10	1121028	5963BU03080007
1" CTS	1-1/4"	0.128	0.8	0.61	10	1121001	5963BU03013010
	2"	0.128	0.8	0.79	10	1121030	5963BU03020010
	3"	0.128	1.2	2.50	10	1120860	5963BU03030010
	4"	0.128	1.2	2.65	10	1121023	5963BU03040010
	6"	0.128	1.2	3.08	10	1121026	5963BU03060010
	8"	0.128	1.2	3.17	10	1121029	5963BU03080010
1/2" IPS	1-1/4"	DR 11	0.8	0.61	10	1120983	5963BB03013005
	2"	DR 11	0.8	0.79	10	1120985	5963BB03020005
	3"	DR 11	1.2	2.50	10	1120990	5963BB03030005
	4"	DR 11	1.2	2.77	10	1120992	5963BB03040005
	6"	DR 11	1.2	3.08	10	1120994	5963BB03060005
	8"	DR 11	1.2	3.17	10	1120996	5963BB03080005
3/4" IPS	1-1/4"	DR 11	0.8	0.61	10	1120984	5963BB03013007
	2"	DR 11	0.8	0.79	10	1120986	5963BB03020007
	3"	DR 11	1.2	2.65	10	1120991	5963BB03030007
	4"	DR 11	1.2	3.08	10	1120993	5963BB03040007
	6"	DR 11	1.2	3.22	10	1120995	5963BB03060007
	8"	DR 11	1.2	3.17	10	1120997	5963BB03080007
1" IPS	1-1/4"	DR 11	0.8	0.61	10	1120804	5963BB03013010
	2"	DR 11	0.8	0.79	10	1120805	5963BB03020010
	3"	DR 11	1.2	2.50	10	1120807	5963BB03030010
	4"	DR 11	1.2	2.65	10	1120810	5963BB03040010
	6"	DR 11	1.2	3.08	10	1120814	5963BB03060010
	8"	DR 11	1.2	3.17	10	1120817	5963BB03080010



**1-1/4" to 2"
Main**



**3" to 6"
Main**



8" Main

HV Tap Tees							
Outlet	Main Size	DR/Wall	Cutter	Weight (Ea)	Package	Part Number	Manufacturing Reference
1-1/4"	3"	DR 11	1.2	2.65	10	1120808	5963BB03030013
	4"	DR 11	1.2	2.77	10	1120812	5963BB03040013
	6"	DR 11	1.2	3.22	10	1120815	5963BB03060013
	8"	DR 11	1.2	3.30	10	1120818	5963BB03080013
2"	2"	DR 11	1.2	2.34	10	1120806	5963BB03020020
	3"	DR 11	1.2	2.65	10	1120809	5963BB03030020
	4"	DR 11	1.2	2.77	10	1120813	5963BB03040020
	6"	DR 11	1.2	3.22	10	1120816	5963BB03060020
	8"	DR 11	1.2	3.30	10	1120819	5963BB03080020

Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Chevron Phillips Chemical Company LP does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.