



SUBMITTAL DATA SHEET	
EL_IN_00031.docx	Rev. -0
Sheet 1 of 3	

ELOFIT ELECTROFUSION FITTINGS

TAPPING TEE with RIGID UNDERCLAMP SDR 11

ITEM: 12EIPRES_
SIZE RANGE: 1 ¼" IPS x ½" CTS ÷ 4" IPS x 2" IPS
SDR: 11
FUSION RANGE: For Electrofusion— SDR11 and up
MATERIAL: PE4710 / PE100
COLOR: Black



INSTALLATION INSTRUCTIONS:

Electrofusion - Electrofusion in accordance with ASTM F1290 and NUPI Elofit Installation Manual

LISTINGS: ANSI/NSF 61

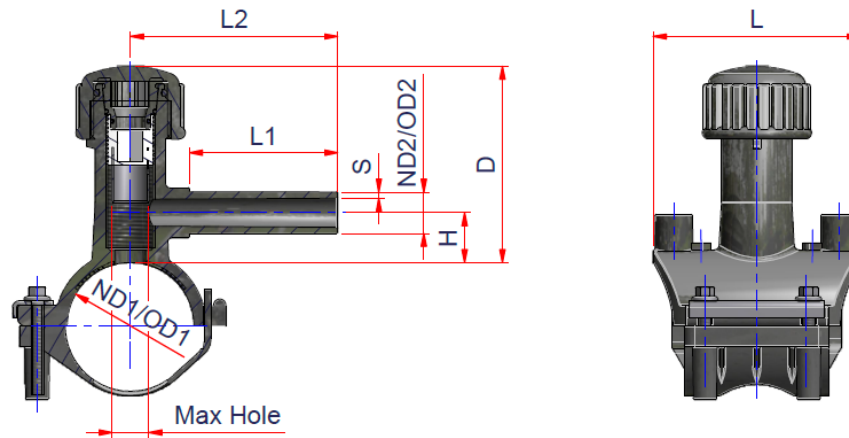
STANDARDS: ASTM D2513, ASTM F1055, ASTM D3350, AWWA C901, AWWA C906

MAXIMUM OPERATING PRESSURE:

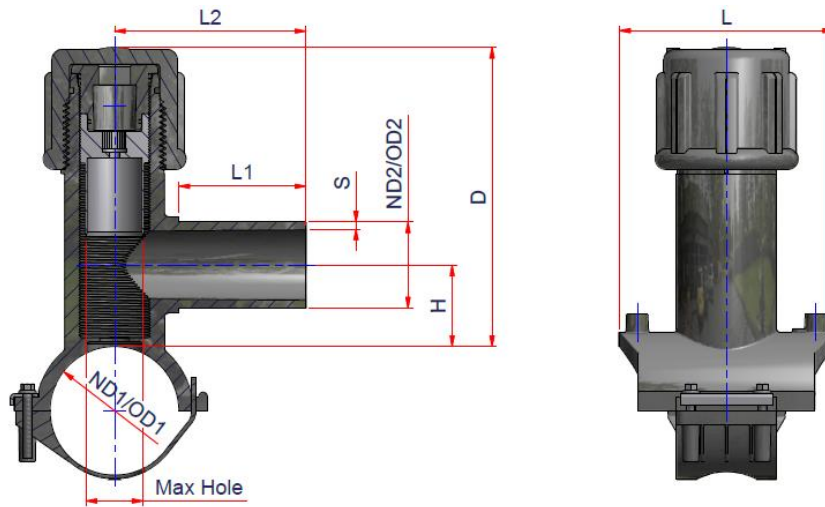
PRESSURE RATING (psi) at 73°F					
SDR	Nominal	Water (0.63 DSF)	Water (0.5 DSF)	Gas (0.32 DSF)	Gas (0.4 DSF)
11	230	200	160	100	125

PRODUCT INFORMATION AND APPLICATION USE:

Elofit Electrofusion Fittings are designed to be joined by means of the electrofusion method in accordance with ASTM F1290, MAB procedures and PPI guides. Fittings are manufactured with imbedded resistance elements on each outlet. Dimensions and performance of the fittings are in accordance with the requirements of ASTM D2513, ASTM F1055, AWWA C901/C906. The fittings are designed with sufficient thickness and length of the fusion zone to match the pressure ratings of the corresponding pipe SDR. Fittings are injection molded or assembled/carved from pipe and are black in color. HDPE material is PPI TR-4 listed. Application use: natural gas, water, sewerage, geothermal, industrial applications (Ref.PPI TR-19). Hygienic properties for drinking water systems are conform with NSF 61 requirements.



CODE	ND1	OD1	ND2	OD2	S	H	L1	L2	L	D	Max Hole
12EIPRES11412C	1 1/4" IPS	1.660	1/2" CTS	0.625	0.104	0.90	2.75	3.94	3.94	3.74	0.71
12EIPRES0212C	2" IPS	2.375	1/2" CTS	0.625	0.104	0.98	2.79	3.94	3.94	3.74	0.71
12EIPRES0312C	3" IPS	3.500	1/2" CTS	0.625	0.104	0.87	2.13	3.94	3.94	3.95	0.71
12EIPRES0412C	4" IPS	4.500	1/2" CTS	0.625	0.104	0.87	2.87	3.94	3.94	3.95	0.71
12EIPRES0612C	6" IPS	6.625	1/2" CTS	0.625	0.104	1.00	2.87	3.94	3.94	4.33	0.71
12EIPRES11412	1 1/4" IPS	1.660	1/2" IPS	0.840	0.076	0.90	2.75	3.94	3.94	3.74	0.71
12EIPRES0212	2" IPS	2.375	1/2" IPS	0.840	0.076	0.98	2.79	3.94	3.94	3.74	0.71
12EIPRES0312	3" IPS	3.500	1/2" IPS	0.840	0.076	0.87	2.13	3.94	3.94	3.95	0.71
12EIPRES0412	4" IPS	4.500	1/2" IPS	0.840	0.076	0.87	2.87	3.94	3.94	3.95	0.71
12EIPRES0612	6" IPS	6.625	1/2" IPS	0.840	0.076	1.00	2.87	3.94	3.94	4.33	0.71
12EIPRES11434	1 1/4" IPS	1.660	3/4" IPS	1.050	0.095	0.90	2.75	3.94	3.94	3.74	0.71
12EIPRES0234	2" IPS	2.375	3/4" IPS	1.050	0.095	0.98	2.79	3.94	3.94	3.74	0.71
12EIPRES0334	3" IPS	3.500	3/4" IPS	1.050	0.095	0.87	2.56	3.94	3.94	3.95	0.71
12EIPRES0434	4" IPS	4.500	3/4" IPS	1.050	0.095	0.87	2.85	3.94	3.94	3.95	0.71
12EIPRES0634	6" IPS	6.625	3/4" IPS	1.050	0.095	1.00	2.85	3.94	3.94	4.33	0.71
12EIPRES11401C	1 1/4" IPS	1.660	1" CTS	1.125	0.101	0.90	2.75	3.94	3.94	3.74	0.71
12EIPRES0201C	2" IPS	2.375	1" CTS	1.125	0.101	0.94	2.79	3.94	3.94	3.74	0.71
12EIPRES0301C	3" IPS	3.500	1" CTS	1.125	0.101	0.87	2.56	3.94	3.94	3.95	0.71
12EIPRES0401C	4" IPS	4.500	1" CTS	1.125	0.101	0.87	2.95	3.94	3.94	3.95	0.71
12EIPRES0601C	6" IPS	6.625	1" CTS	1.125	0.101	1.00	2.75	3.94	3.94	4.33	0.71
12EIPRES11401	1 1/4" IPS	1.660	1" IPS	1.315	0.236	0.90	2.75	3.94	3.94	3.74	0.71
12EIPRES0201	2" IPS	2.375	1" IPS	1.315	0.236	0.94	2.70	3.94	3.94	3.74	0.71
12EIPRES0301	3" IPS	3.500	1" IPS	1.315	0.236	0.87	2.56	3.94	3.94	3.95	0.71
12EIPRES0401	4" IPS	4.500	1" IPS	1.315	0.236	0.87	2.75	3.94	3.94	3.95	0.71
12EIPRES0601	6" IPS	6.625	1" IPS	1.315	0.236	1.00	2.75	3.94	3.94	4.33	0.71



CODE	ND1	OD1	ND2	OD2	S	H	L1	L2	L	D	Max Hole
12EIPRES02114	2" IPS	2.375	1 1/4" IPS	1.660	0.151	1.26	2.75	3.94	4.68	5.04	0.90
12EIPRES0202	2" IPS	2.375	2" IPS	2.375	0.216	1.14	2.44	3.94	5.12	5.71	1.22
12EIPRES0302	3" IPS	3.500	2" IPS	2.375	0.216	2.32	3.54	5.31	4.56	8.26	1.58
12EIPRES0402	4" IPS	4.500	2" IPS	2.375	0.216	2.32	3.54	5.31	4.56	8.26	1.58

MANUFACTURER'S WARRANTY:

Thirty (30) Years from the date of sale upon successful completion of pressure test of the piping system (refer to published warranty for complete details).

NOTE:

* More information can be found on ELOFIT TECHNICAL CATALOGUE

** Technical Data may undergo dimensional changes, check revision at the top