



IntegriFuseTM

**HDPE Fittings
and Equipment**

Product Catalog



www.IntegrityFusion.com



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PE3408 / PE4710 / PE100 HDPE Fittings Specifications

IntegriFuse fittings are manufactured with black high density bimodal polyethylene copolymer designed for use in potable water, natural gas, industrial, landfill, and mining applications.

Fittings meet AWWA and ASTM-D2513 & ASTM-D3261 requirements, and are manufactured with material that is NSF Standard 14 certified, and complies with ANSI/NSF Standard 61 health effects requirements. IntegriFuse fittings are recognized by the Plastic Pipe Institute as having a material designation code of PE 3408, PE3608, PE 4710, and PE 100.

Physical Properties	Metric	English	Comments
Density	.959 g/cm ³	0.0346 lb/in	Black: ASTM 1505
Environmental Stress Crack Resistance	>= 5000 hour	>= 5000 hour	Condition C; ASTM D1693
Carbon Black Loading	2.3%	2.3%	ASTM D1603
Melt Flow	Condition 190 / 2.16g / 10 min. Value = .08	Condition 190 / 2.16g / 10 min. Value = .08	ASTM D1238
Mechanical Properties	Metric	English	Comments
PENT	>= 1000 hour	>= 1000 hour	Notched Tensile; ASTM F1473
Hardness, Shore D	66.0	66.0	ASTM D2240
Tensile Strength at Break	37.9 MPa	5500 PSI	2 in/min; ASTM D638
Tensile Strength Yield	24.99 MPa	3635 PSI	2 in/min; ASTM D638
Elongation at Break	>= 600%	>= 600%	2 in/min; ASTM D638
Flexural Modulus	1.03 GPa	150 KSI	2% Secant-Method; ASTM D790
Izod Impact, Notched	4.81 J/cm	9.00 ft-lb/in	ASTM D256
Hydrostatic Design Basis	6.89 MPa	1000 PSI	At 60° C; ASTM D2837
	11.0 MPa	1600 PSI	Room Temp; ASTM D2837
Thermal Properties	Metric	English	Comments
Vicat Softening Point	126° C	259° F	ASTM D1525
Brittleness Temperature	,= -118° C	<= -180° F	ASTM D746
Decomposition Temperature	>= 200° C	>= 428° F	Thermal Stability, ASTM D2513
Descriptive Properties	Metric	English	Comments
Cell Classification		445574 C	ASTM D1525
Process		Injection Molding	



INTEGRITY Fusion Products, Inc.

Order & Price Information

Pricing: Please contact Integrity Fusion Products, Inc, or your local authorized distributor for pricing inquiries. We welcome all inquiries via telephone, email, or fax.

Phone: 770-632-7530

Fax: 770-632-7540

E-mail: Info@IntegrityFusion.com

Ordering: Minimum Billing: \$50.00 (orders less than \$50.00 will be subject to a handling charge)

Terms: Net 30 days from date of invoice for established accounts.

Freight Charges: All orders greater than \$3,000 will be shipped freight allowed via standard ground transportation (excluding equipment, backup rings, MJ Adapter kits, fabricated & non-stock items). Air-freight or expedited shipments will incur appropriate freight charges. For orders less than \$3,000, freight will be prepaid and added to the invoice unless otherwise specified.

Order Placement: Orders are accepted by our Customer Service department via fax or email and require a written purchase order. Integrity Fusion Products, Inc sells only to approved distributors.

Availability of Product: Integrity Fusion Products Inc. has a large inventory of HDPE fittings and accessories. Items that are in stock are typically shipped within 24 hours. Non-stock or out of stock items will be processed with an estimated ship date given upon receipt of order.

Cancellations: Cancellation of items that have been ordered may be subject to cancellation charges. Some non-stock items may not be returnable.

Rental Policy: Rental charges begin the date that the unit ships and continues up to, and including, the date returned. Accrued rental costs cannot be applied to the purchase of equipment.



INTEGRITY

Fusion Products, Inc.

Return Policy

All returns must be approved by Integrity Fusion Products, Inc prior to return.

An approved, RGA (Return Goods Authorization) form must be obtained by contacting our Customer Service department. Upon approval, the RGA form, including a list of all items to be returned, conditions concerning restocking fees and/or credit information, and shipping instructions(if applicable) will be issued and sent via fax or email. A copy of the RGA form must accompany the returned shipment for proper credit to be issued.

Policies concerning returned materials:

Products stored outside will not be accepted for return.

Standard Stock Items:

A restocking fee will be charged for the return of standard stock items:

- 25% restock within 1 - 30 days

- 35% restock within 31- 180 days

- 50% restock within 181 – 365 days

Integrity Fusion will not accept returns after 365 days.

Material must be returned in a saleable condition. Items stored outside will not be accepted for return or credit.

Customer will be responsible for freight charges incurred with the return of the materials.

Non-stock or Custom Ordered Items:

Most non-stock or custom ordered items are non-cancelable/non-returnable. Any product that is not a standard stock item is subject to factory acceptance for return approval.

Freight instructions will be issued for these items on the approved RGA form obtained by our Customer Service department.



INTEGRITY

Fusion Products, Inc.

Limited Warranty

Integrity Fusion Products, Inc. warrants its materials to be free of defects in workmanship under normal use, service and when used for the purposes under the conditions for which they are intended.

This warranty shall not apply to any Integrity Fusion Products, Inc. material that has been altered, repaired and/or used in any way, stored outside, or has been subject to misuse, negligence, accident and/or has not been installed in accordance with installation instructions.

Installation of TEGA EF fittings requiring 42V-48V to fuse must be carried out using an IntegriFuse EF processor. The IntegriFuse processor is an 8-48-volt output multi-voltage fusion processor with temperature compensating feature operating at 110/120 VAC requiring power supplied through a portable power generator rated at 6500 continuous watts (minimum). If pipe is more than 1.5% out of round the use of a ReRound Clamp is recommended to ensure proper installation.

Installation instructions must be adhered to or our Limited Warranty is null and void. Installation of electrofusion fittings must be carried out by properly trained and qualified operator(s) and/or by witness of the factory representative.

The obligation of Integrity Fusion Products, Inc. under this warranty shall be limited to the replacement of any part that may prove defective under normal use.

Integrity Fusion Products, Inc. shall have the right to inspect said material and purchaser shall, if requested, return defective product prepaid to Integrity Fusion Products, Inc. Purchaser shall assume all responsibility and expenses for removal, reinstallation and freight charges in connection with the foregoing remedy.

Integrity Fusion Products, Inc. shall not be liable for indirect, special, incidental or consequential damage or penalties and does not assume any liability of purchaser to others, or to anyone for injury to persons and/or property.

Integrity Fusion Products, Inc. shall not be held liable for any delays caused by shipping any material or equipment by third party shipping companies. Integrity Fusion Products, Inc. shall not be responsible for any delays caused by shipping errors of material and/or equipment.

Any claim regarding shortage or damages from shipment of material must be submitted in writing to Integrity Fusion Products, Inc. within 10 days after receipt of shipment. Buyer shall note loss or damage on shipment Bill of Lading and provide a delivery receipt stating such with driver's signature.

Purchaser is responsible for passing on this Limited Warranty to their customer.

IntegriFuseTM

Molded Butt Fusion Fittings



90 Degree Elbows



45 Degree Elbows



Tees



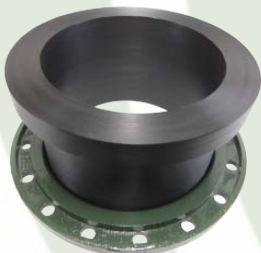
Reducing Tees



Reducers



Caps



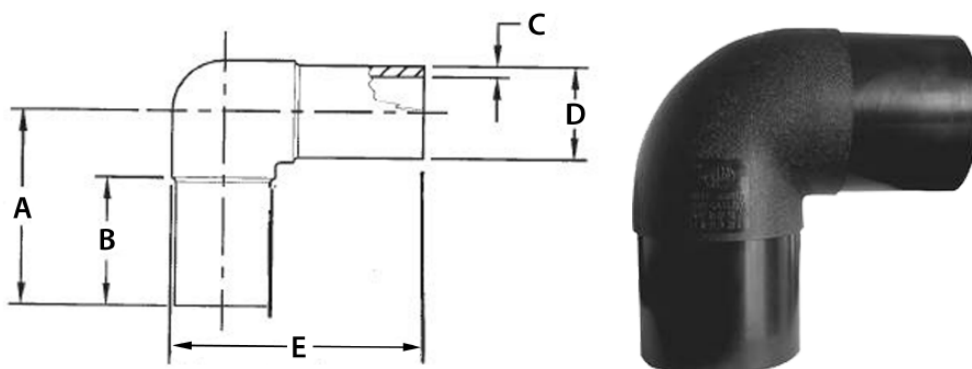
Flange Adapters



Backup Rings

MJ Adapters & Kits

Molded Butt Fusion 90 Degree Elbows



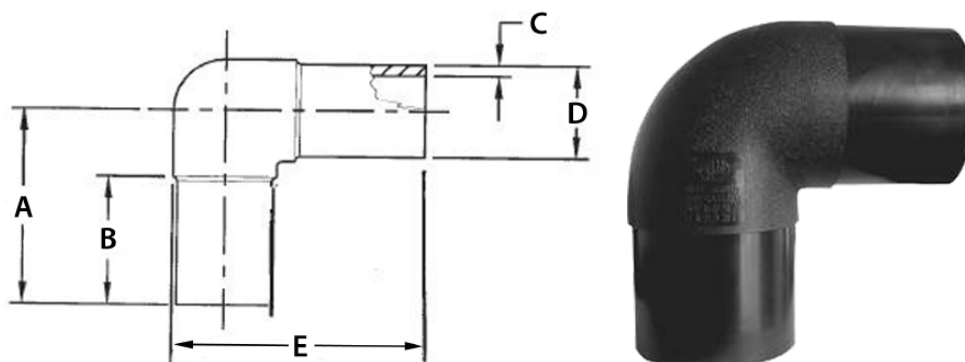
SDR 17 (Standard Dimension Ratio) 125 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	E inches	Weight lbs.	Item Code
2"	4.25	2.95	0.14	2.38	5.44	0.28	90BI-2IPS-17
3"	5.91	4.06	0.21	3.50	7.66	0.80	90BI-3IPS-17
4"	6.89	4.53	0.26	4.50	9.14	1.64	90BI-4IPS-17
6"	9.06	5.63	0.39	6.63	12.37	4.80	90BI-6IPS-17
8"	11.81	7.20	0.51	8.63	16.13	10.05	90BI-8IPS-17
10"	13.78	8.27	0.63	10.75	19.15	18.33	90BI-10IPS-17
12"	14.96	8.46	0.75	12.75	21.33	27.47	90BI-12IPS-17

SDR 11 (Standard Dimension Ratio) 200 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	E inches	Weight lbs.	Item Code
2"	4.25	2.95	0.22	2.38	5.44	0.43	90BI-2IPS-11
3"	5.91	4.06	0.32	3.50	7.66	1.25	90BI-3IPS-11
4"	6.89	4.53	0.41	4.50	9.14	2.42	90BI-4IPS-11
6"	9.06	5.63	0.60	6.63	12.37	6.76	90BI-6IPS-11
8"	11.81	7.20	0.79	8.63	16.13	15.08	90BI-8IPS-11
10"	13.78	8.27	0.98	10.75	19.15	27.06	90BI-10IPS-11
12"	14.96	8.46	1.16	12.75	21.33	41.05	90BI-12IPS-11

Molded Butt Fusion 90 Degree Elbows



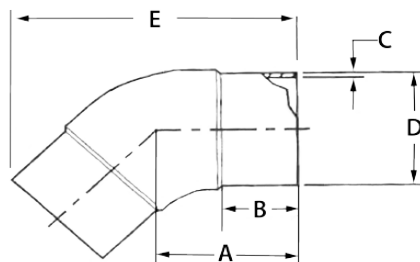
SDR 9 (Standard Dimension Ratio) 255 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	E inches	Weight lbs.	Item Code
2"	4.25	2.95	0.26	2.38	5.44	1.00	90BI-2IPS-9
3"	5.91	4.06	0.39	3.50	7.66	2.00	90BI-3IPS-9
4"	6.89	4.53	0.50	4.50	9.14	3.00	90BI-4IPS-9
6"	9.06	5.63	0.74	6.63	12.37	9.00	90BI-6IPS-9
8"	11.81	7.20	0.96	8.63	16.13	22.00	90BI-8IPS-9

SDR 7 (Standard Dimension Ratio) 335 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	E inches	Weight lbs.	Item Code
2"	4.25	2.95	0.34	2.38	5.44	1.50	90BI-2IPS-7
3"	5.91	4.06	0.50	3.50	7.66	3.00	90BI-3IPS-7
4"	6.89	4.53	0.64	4.50	9.14	5.00	90BI-4IPS-7
6"	9.06	5.63	0.95	6.63	12.37	12.00	90BI-6IPS-7
8"	11.81	7.20	1.23	8.63	16.13	25.00	90BI-8IPS-7

Molded Butt Fusion 45 Degree Elbows



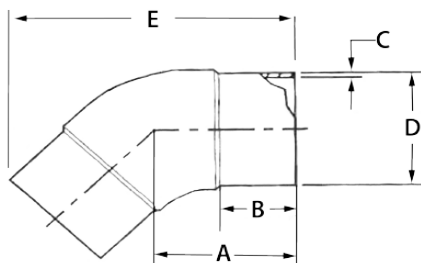
SDR 17 (Standard Dimension Ratio) 125 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	E inches	Weight lbs.	Item Code
2"	3.23	2.64	0.14	2.38	6.38	0.23	45BI-2IPS-17
3"	4.72	3.86	0.21	3.50	9.33	0.72	45BI-3IPS-17
4"	5.31	4.21	0.26	4.50	10.63	1.32	45BI-4IPS-17
6"	6.89	5.35	0.39	6.63	14.09	3.77	45BI-6IPS-17
8"	8.46	6.54	0.51	8.63	17.48	8.03	45BI-8IPS-17
10"	10.04	7.64	0.63	10.75	20.94	14.44	45BI-10IPS-17
12"	10.63	7.80	0.75	12.75	22.64	21.30	45BI-12IPS-17

SDR 11 (Standard Dimension Ratio) 200 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	E inches	Weight lbs.	Item Code
2"	3.23	2.64	0.22	2.38	6.38	0.35	45BI-2IPS-11
3"	4.72	3.86	0.32	3.50	9.33	1.07	45BI-3IPS-11
4"	5.31	4.21	0.41	4.50	10.63	2.00	45BI-4IPS-11
6"	6.89	5.35	0.60	6.63	14.09	5.55	45BI-6IPS-11
8"	8.46	6.54	0.79	8.63	17.48	11.64	45BI-8IPS-11
10"	10.04	7.64	0.98	10.75	20.94	21.30	45BI-10IPS-11
12"	10.63	7.80	1.16	12.75	22.64	31.84	45BI-12IPS-11

Molded Butt Fusion 45 Degree Elbows



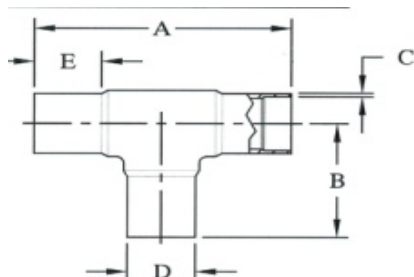
SDR 9 (Standard Dimension Ratio) 255 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	E inches	Weight lbs.	Item Code
2"	3.23	2.64	0.26	2.38	6.38	1.00	45BI-2IPS-9
3"	4.72	3.86	0.39	3.50	9.33	2.00	45BI-3IPS-9
4"	5.31	4.21	0.50	4.50	10.63	3.00	45BI-4IPS-9
6"	6.89	5.35	0.74	6.63	14.09	9.00	45BI-6IPS-9
8"	8.46	6.54	0.96	8.63	17.48	22.00	45BI-8IPS-9

SDR 7 (Standard Dimension Ratio) 335 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	E inches	Weight lbs.	Item Code
2"	3.23	2.64	0.34	2.38	6.38	1.50	45BI-2IPS-7
3"	4.72	3.86	0.50	3.50	9.33	3.00	45BI-3IPS-7
4"	5.31	4.21	0.64	4.50	10.63	5.00	45BI-4IPS-7
6"	6.89	5.35	0.95	6.63	14.09	12.00	45BI-6IPS-7
8"	8.46	6.54	1.23	8.63	17.48	25.00	45BI-8IPS-7

Molded Butt Fusion Tees



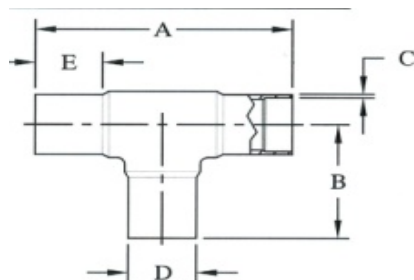
SDR 17 (Standard Dimension Ratio) 125 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	E inches	Weight lbs.	Item Code
3"	11.81	5.91	0.21	3.50	3.54	1.45	TEEBI-3IPS-17
4"	13.78	6.89	0.26	4.50	3.94	2.58	TEEBI-4IPS-17
6"	18.11	9.06	0.39	6.63	4.72	7.24	TEEBI-6IPS-17
8"	23.62	11.81	0.51	8.63	5.71	16.60	TEEBI-8IPS-17
10"	27.56	13.78	0.63	10.75	6.30	28.90	TEEBI-10IPS-17
12"	31.57	15.97	0.75	12.75	7.52	45.32	TEEBI-12IPS-17

SDR 11 (Standard Dimension Ratio) 200 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	E inches	Weight lbs.	Item Code
2"	8.66	4.33	0.22	2.38	2.48	0.82	TEEBI-02IPS-11
3"	11.81	5.91	0.32	3.50	3.54	2.18	TEEBI-03IPS-11
4"	13.78	6.89	0.41	4.50	3.94	4.02	TEEBI-04IPS-11
6"	18.11	9.06	0.60	6.63	4.72	10.91	TEEBI-06IPS-11
8"	23.62	11.81	0.79	8.63	5.71	24.61	TEEBI-08IPS-11
10"	27.56	13.78	0.98	10.75	6.30	42.60	TEEBI-10IPS-11
12"	31.57	15.97	1.16	12.75	7.52	67.85	TEEBI-12IPS-11

Molded Butt Fusion Tees



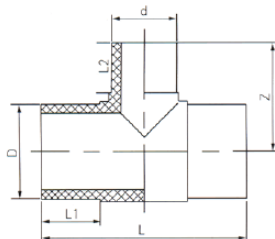
SDR 9 (Standard Dimension Ratio) 255 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	E inches	Weight lbs.	Item Code
2"	8.66	4.33	0.14	2.38	2.47	0.53	TEEBI-02IPS-9
3"	11.81	5.91	0.21	3.50	3.54	1.45	TEEBI-03IPS-9
4"	13.78	6.89	0.26	4.50	3.94	2.58	TEEBI-04IPS-9
6"	18.11	9.06	0.39	6.63	4.72	7.24	TEEBI-06IPS-9
8"	23.62	11.81	0.51	8.63	5.71	16.60	TEEBI-08IPS-9

SDR 7 (Standard Dimension Ratio) 335 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	E inches	Weight lbs.	Item Code
2"	8.66	4.33	0.14	2.38	2.47	0.53	TEEBI-02IPS-7
3"	11.81	5.91	0.21	3.50	3.54	1.45	TEEBI-03IPS-7
4"	13.78	6.89	0.26	4.50	3.94	2.58	TEEBI-04IPS-7
6"	18.11	9.06	0.39	6.63	4.72	7.24	TEEBI-06IPS-7
8"	23.62	11.81	0.51	8.63	5.71	16.60	TEEBI-08IPS-7

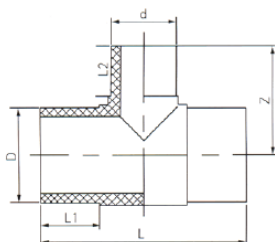
Molded Butt Fusion Reducing Tees



SDR 17 (Standard Dimension Ratio) 125 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	L inches	D inches	d inches	L1 inches	L2 inches	Z inches	Weight	Item Code
3" x 2"	11.80	3.50	2.38	3.62	2.48	5.90	1.69	TRED-3x2IPS-17
4" x 2"	13.78	4.50	2.38	3.94	2.48	6.89	2.94	TRED-4x2IPS-17
4" x 3"	13.78	4.50	3.50	3.94	3.62	6.89	3.16	TRED-4x3IPS-17
6" x 2"	18.10	6.63	2.38	4.72	2.48	9.06	7.32	TRED-6x2IPS-17
6" x 3"	18.10	6.63	3.50	4.72	3.62	9.06	7.72	TRED-6x3IPS-17
6" x 4"	18.10	6.63	4.50	4.72	3.94	9.06	8.11	TRED-6x4IPS-17
8" x 2"	23.60	8.63	2.38	5.71	2.48	11.80	16.75	TRED-8x2IPS-17
8" x 3"	23.60	8.63	3.50	5.71	3.62	11.80	17.26	TRED-8x3IPS-17
8" x 4"	23.60	8.63	4.50	5.71	3.94	11.80	17.89	TRED-8x4IPS-17
8" x 6"	23.60	8.63	6.63	5.71	4.72	11.80	18.85	TRED-8x6IPS-17
10" x 4"	27.40	10.75	4.50	6.30	3.94	13.78	31.98	TRED-10x4IPS-17
10" x 6"	27.40	10.75	6.63	6.30	4.72	13.78	33.09	TRED-10x6IPS-17
10" x 8"	27.40	10.75	8.63	6.30	5.71	13.78	34.63	TRED-10x8IPS-17
12" x 6"	31.40	12.75	6.63	7.48	4.72	15.95	47.12	TRED-12x6IPS-17
12" x 8"	31.40	12.75	8.63	7.48	5.71	15.95	48.88	TRED-12x8IPS-17
12" x 10"	31.40	12.75	10.75	7.48	6.30	15.95	53.05	TRED-12x10IPS-17

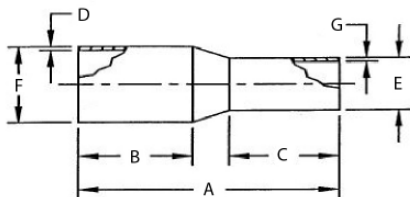
Molded Butt Fusion Reducing Tees



SDR 11 (Standard Dimension Ratio) 200 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	L inches	D inches	d inches	L1 inches	L2 inches	Z inches	Weight	Item Code
3" x 2"	11.80	3.50	2.38	3.62	2.48	5.90	2.19	TRED-3x2IPS-11
4" x 2"	13.78	4.50	2.38	3.94	2.48	6.89	3.91	TRED-4x2IPS-11
4" x 3"	13.78	4.50	3.50	3.94	3.62	6.89	4.12	TRED-4x3IPS-11
6" x 2"	18.10	6.63	2.38	4.72	2.48	9.06	10.30	TRED-6x2IPS-11
6" x 3"	18.10	6.63	3.50	4.72	3.62	9.06	10.98	TRED-6x3IPS-11
6" x 4"	18.10	6.63	4.50	4.72	3.94	9.06	11.53	TRED-6x4IPS-11
8" x 2"	23.60	8.63	2.38	5.71	2.48	11.80	21.26	TRED-8x2IPS-11
8" x 3"	23.60	8.63	3.50	5.71	3.62	11.80	22.18	TRED-8x3IPS-11
8" x 4"	23.60	8.63	4.50	5.71	3.94	11.80	23.25	TRED-8x4IPS-11
8" x 6"	23.60	8.63	6.63	5.71	4.72	11.80	24.35	TRED-8x6IPS-11
10" x 4"	27.40	10.75	4.50	6.30	3.94	13.78	42.38	TRED-10x4IPS-11
10" x 6"	27.40	10.75	6.63	6.30	4.72	13.78	43.59	TRED-10x6IPS-11
10" x 8"	27.40	10.75	8.63	6.30	5.71	13.78	45.96	TRED-10x8IPS-11
12" x 6"	31.40	12.75	6.63	7.48	4.72	15.95	63.35	TRED-12x6IPS-11
12" x 8"	31.40	12.75	8.63	7.48	5.71	15.95	66.86	TRED-12x8IPS-11
12" x 10"	31.40	12.75	10.75	7.48	6.30	15.95	68.52	TRED-12x10IPS-11

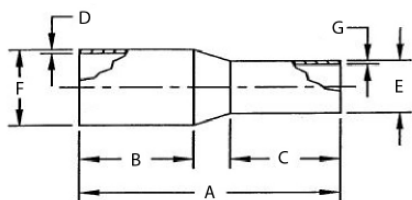
Molded Butt Fusion Reducers



SDR 17 (Standard Dimension Ratio) 125 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D (wall) inches	E (OD) inches	F (OD) inches	G (wall) inches	Weight lbs.	Item Code
3" x 2"	7.87	3.94	2.95	0.21	2.38	3.50	0.14	0.47	REDBI-3X2IPS-17
4" x 2"	9.06	4.33	2.95	0.26	2.38	4.50	0.14	0.80	REDBI-4X2IPS-17
4" x 3"	9.06	4.33	3.94	0.26	3.50	4.50	0.21	0.94	REDBI-4X3IPS-17
6" x 3"	11.03	5.06	3.71	0.39	3.50	6.63	0.21	2.13	REDBI-6X3IPS-17
6" x 4"	11.42	5.12	4.33	0.39	4.50	6.63	0.26	2.39	REDBI-6X4IPS-17
8" x 4"	12.80	5.99	4.05	0.51	4.50	8.63	0.26	4.23	REDBI-8X4IPS-17
8" x 6"	12.80	6.10	5.12	0.51	6.63	8.63	0.39	4.92	REDBI-8X6IPS-17
10" x 6"	14.06	6.16	5.29	0.75	6.63	10.75	0.39	7.73	REDBI-10X6IPS-17
10" x 8"	14.37	6.25	5.81	0.75	8.63	10.75	0.51	10.21	REDBI-10X8IPS-17
12" x 6"	16.00	6.95	5.22	0.75	6.63	12.75	0.39	11.32	REDBI-12X6IPS-17
12" x 8"	16.54	7.09	6.10	0.75	8.63	12.75	0.51	12.82	REDBI-12X8IPS-17
12" x 10"	16.54	7.09	6.69	0.75	10.75	12.75	0.63	14.43	REDBI-12X10IPS-17

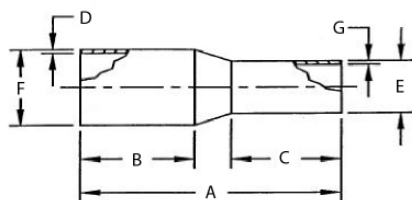
Molded Butt Fusion Reducers



SDR 11 (Standard Dimension Ratio) 200 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D (wall) inches	E (OD) inches	F (OD) inches	G (wall) inches	Weight lbs.	Item Code
3" x 2"	7.87	3.94	2.95	0.32	2.38	3.50	0.22	0.70	REDBI-3X2IPS-11
4" x 2"	9.06	4.33	2.95	0.41	2.38	4.50	0.22	1.21	REDBI-4X2IPS-11
4" x 3"	9.06	4.33	3.94	0.41	3.50	4.50	0.32	1.41	REDBI-4X3IPS-11
6" x 3"	11.03	5.06	3.71	0.60	3.50	6.63	0.32	3.18	REDBI-6X3IPS-11
6" x 4"	11.42	5.12	4.33	0.60	4.50	6.63	0.41	3.54	REDBI-6X4IPS-11
8" x 4"	12.80	5.99	4.05	0.79	4.50	8.63	0.41	6.31	REDBI-8X6IPS-11
8" x 6"	12.80	6.10	5.12	0.79	6.63	8.63	0.60	7.31	REDBI-8X6IPS-11
10" x 6"	14.06	6.16	5.29	1.16	6.63	10.75	0.60	10.28	REDBI-8X4IPS-11
10" x 8"	14.37	6.25	5.88	1.16	8.63	10.75	0.79	14.45	REDBI-10X6IPS-11
12" x 6"	16.00	6.95	5.22	1.16	6.63	12.75	0.60	16.64	REDBI-10X8IPS-11
12" x 8"	16.54	7.09	6.10	1.16	8.63	12.75	0.79	19.11	REDBI-12X6IPS-11
12" x 10"	16.54	7.09	6.69	1.16	10.75	12.75	0.98	21.66	REDBI-12X8IPS-11

Molded Butt Fusion Reducers



SDR 9 (Standard Dimension Ratio) 255 PSI (Working Pressure at 73.4° F)

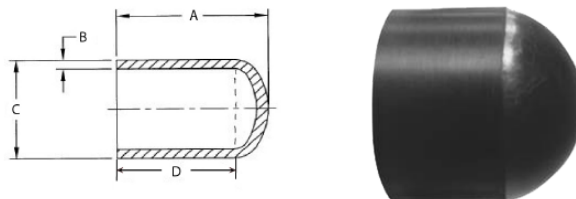
Nominal IPS Pipe Size	A inches	B inches	C inches	D (wall) inches	E (OD) inches	F (OD) inches	G (wall) inches	Weight lbs.	Item Code
3" x 2"	7.87	3.94	2.95	0.32	2.38	3.50	0.22	0.70	REDBI-3X2IPS-9
4" x 2"	9.06	4.33	2.95	0.41	2.38	4.50	0.22	1.21	REDBI-4X2IPS-9
4" x 3"	9.06	4.33	3.94	0.41	3.50	4.50	0.32	1.41	REDBI-4X3IPS-9
6" x 4"	11.42	5.12	4.33	0.60	4.50	6.63	0.41	3.54	REDBI-6X4IPS-9
8" x 6"	12.80	6.10	5.12	0.79	6.63	8.63	0.60	7.31	REDBI-8X6IPS-9

SDR 7 (Standard Dimension Ratio) 335 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D (wall) inches	E (OD) inches	F (OD) inches	G (wall) inches	Weight lbs.	Item Code
3" x 2"	7.87	3.94	2.95	0.32	2.38	3.50	0.22	0.70	REDBI-3X2IPS-7
4" x 2"	9.06	4.33	2.95	0.41	2.38	4.50	0.22	1.21	REDBI-4X2IPS-7
4" x 3"	9.06	4.33	3.94	0.41	3.50	4.50	0.32	1.41	REDBI-4X3IPS-7
6" x 4"	11.42	5.12	4.33	0.60	4.50	6.63	0.41	3.54	REDBI-6X4IPS-7
8" x 6"	12.80	6.10	5.12	0.79	6.63	8.63	0.60	7.31	REDBI-8X6IPS-7



Molded Butt Fusion Caps



Butt Fusion

Socket Fusion

Transitions

Poly Ball Valves

Equipment

SDR 17 (Standard Dimension Ratio) 125 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	Weight lbs.	Item Code
2"	3.23	0.14	2.38	2.52	0.12	CAPBI-2IPS-17
3"	4.72	0.21	3.50	3.70	0.39	CAPBI-3IPS-17
4"	5.31	0.26	4.50	3.98	0.71	CAPBI-4IPS-17
6"	6.89	0.39	6.63	4.84	1.98	CAPBI-6IPS-17
8"	8.66	0.51	8.63	5.83	4.23	CAPBI-8IPS-17

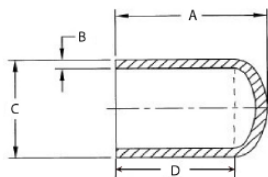
SDR 11 (Standard Dimension Ratio) 200 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	Weight lbs.	Item Code
2"	3.23	0.22	2.38	2.52	0.19	CAPBI-2IPS-11
3"	4.72	0.32	3.50	3.70	0.59	CAPBI-3IPS-11
4"	5.31	0.41	4.50	3.98	1.07	CAPBI-4IPS-11
6"	6.89	0.60	6.63	4.84	2.88	CAPBI-6IPS-11
8"	8.66	0.79	8.63	5.83	6.32	CAPBI-8IPS-11





Molded Butt Fusion Caps



SDR 9 (Standard Dimension Ratio) 255 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	Weight lbs.	Item Code
2"	3.230	0.26	2.375	2.520	0.26	CAPBI-2IPS-9
3"	4.720	0.39	3.500	3.700	0.81	CAPBI-3IPS-9
4"	5.310	0.50	4.500	3.980	2.37	CAPBI-4IPS-9
6"	6.890	0.74	6.625	4.840	2.79	CAPBI-6IPS-9
8"	8.660	0.96	8.625	5.830	5.60	CAPBI-8IPS-9

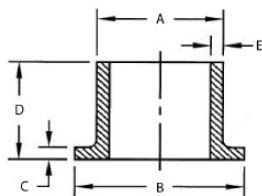
SDR 7 (Standard Dimension Ratio) 335 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	Weight lbs.	Item Code
2"	3.230	0.34	2.375	2.520	0.32	CAPBI-2IPS-7
3"	4.720	0.50	3.500	3.700	1.00	CAPBI-3IPS-7
4"	5.310	0.64	4.500	3.980	2.37	CAPBI-4IPS-7
6"	6.890	0.95	6.625	4.840	2.79	CAPBI-6IPS-7
8"	8.660	1.23	8.625	5.830	5.60	CAPBI-8IPS-7





Molded Butt Fusion Flange Adapters

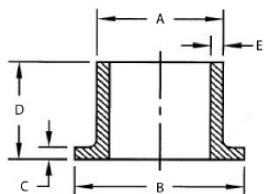


SDR 17 (Standard Dimension Ratio) 125 PSI (Working Pressure at 73.4° F)							
Nominal IPS Pipe Size	A (OD) inches	B inches	C inches	D (length) inches	E (wall) inches	Weight lbs.	Item Code
2"	2.38	3.94	0.55	6.10	0.14	0.37	FAI-2IPS-17
3"	3.50	5.00	0.67	6.10	0.21	0.71	FAI-3IPS-17
4"	4.50	6.61	0.79	6.10	0.26	1.27	FAI-4IPS-17
6"	6.63	8.50	1.02	8.07	0.39	3.02	FAI-6IPS-17
8"	8.63	10.63	1.02	10.67	0.51	6.02	FAI-8IPS-17
10"	10.75	12.99	1.18	11.50	0.63	10.06	FAI-10IPS-17
12"	12.75	15.75	1.38	10.83	0.75	14.17	FAI-12IPS-17
14"	14.00	17.50	1.70	11.00	0.82	26.00	FAI-14IPS-17
16"	16.00	20.00	1.90	12.00	0.94	37.00	FAI-16IPS-17
18"	18.00	21.10	2.10	12.00	1.06	43.00	FAI-18IPS-17
20"	20.00	23.50	2.30	12.00	1.18	56.00	FAI-20IPS-17
24"	24.00	27.90	2.90	14.00	1.41	79.00	FAI-24IPS-17
28"	28.00	32.30	3.23	14.00	1.65	84.00	FAI-28IPS-17
30"	30.00	34.30	3.46	14.00	1.77	87.00	FAI-30IPS-17
32"	32.00	34.30	3.69	14.00	1.88	106.00	FAI-32IPS-17
36"	36.00	40.80	4.16	14.00	2.12	141.00	FAI-36IPS-17

Beveled Flanges available upon request.
Standard 45° bevel unless otherwise requested.



Molded Butt Fusion Flange Adapters

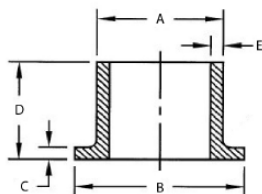


SDR 11 (Standard Dimension Ratio) 200 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A (OD) inches	B inches	C inches	D (length) inches	E (wall) inches	Weight lbs.	Item Code
2"	2.38	3.94	0.55	6.10	0.22	0.48	FAI-2IPS-11
3"	3.50	5.00	0.67	6.10	0.32	0.93	FAI-3IPS-11
4"	4.50	6.61	0.79	6.10	0.41	1.66	FAI-4IPS-11
6"	6.63	8.50	1.02	8.07	0.60	4.07	FAI-6IPS-11
8"	8.63	10.63	1.02	10.67	0.79	8.73	FAI-8IPS-11
10"	10.75	12.99	1.18	11.50	0.98	14.11	FAI-10IPS-11
12"	12.75	15.75	1.38	10.83	1.16	19.88	FAI-12IPS-11
14"	14.00	17.50	1.70	11.00	1.27	26.00	FAI-14IPS-11
16"	16.00	20.00	1.90	12.00	1.45	37.00	FAI-16IPS-11
18"	18.00	21.10	2.10	12.00	1.64	43.00	FAI-18IPS-11
20"	20.00	23.50	2.30	12.00	1.82	56.00	FAI-20IPS-11
24"	24.00	27.90	2.90	14.00	2.18	94.00	FAI-24IPS-11
28"	28.00	32.30	3.23	14.00	2.55	129.00	FAI-28IPS-11
30"	30.00	34.30	3.46	14.00	2.73	134.00	FAI-30IPS-11
32"	32.00	34.30	3.69	14.00	2.91	163.00	FAI-32IPS-11
36"	36.00	40.80	4.16	14.00	3.27	218.00	FAI-36IPS-11

Beveled Flanges available upon request.
Standard 45° bevel unless otherwise requested.

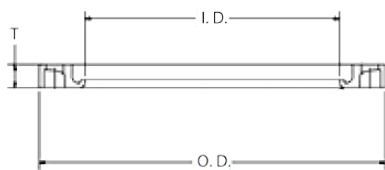
Molded Butt Fusion Flange Adapters



SDR 9 (Standard Dimension Ratio) 255 PSI (Working Pressure at 73.4° F)							
Nominal IPS Pipe Size	A (OD) inches	B inches	C inches	D (length) inches	E (wall) inches	Weight lbs.	Item Code
2"	2.38	3.94	0.55	6.10	0.26	1.00	FAI-2IPS-9
3"	3.50	5.00	0.67	6.10	0.39	2.00	FAI-3IPS-9
4"	4.50	6.61	0.79	6.10	0.50	3.00	FAI-4IPS-9
6"	6.63	8.50	1.02	8.07	0.74	7.00	FAI-6IPS-9
8"	8.63	10.63	1.02	10.67	0.96	10.00	FAI-8IPS-9
10"	10.75	12.99	1.18	11.50	1.19	19.00	FAI-10IPS-9
12"	12.75	15.75	1.38	10.83	1.42	25.00	FAI-12IPS-9
SDR 7 (Standard Dimension Ratio) 335 PSI (Working Pressure at 73.4° F)							
Nominal IPS Pipe Size	A (OD) inches	B inches	C inches	D (length) inches	E (wall) inches	Weight lbs.	Item Code
2"	2.38	3.94	0.55	6.10	0.34	2.00	FAI-2IPS-7
3"	3.50	5.00	0.67	6.10	0.50	3.00	FAI-3IPS-7
4"	4.50	6.61	0.79	6.10	0.64	4.00	FAI-4IPS-7
6"	6.63	8.50	1.02	8.07	0.95	8.00	FAI-6IPS-7
8"	8.63	10.63	1.02	10.67	1.23	12.00	FAI-8IPS-7

Beveled Flanges available upon request.
Standard 45° bevel unless otherwise requested.

SDR 11 Epoxy Coated Backup Rings

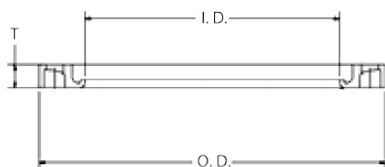


SDR 11 (Standard Dimension Ratio) 200 PSI

Nominal IPS PipeSize	Pressure Class	OD inches	ID inches	Bolt Holes	Thickness Inches	Weight lbs.	Item Code
2"	SDR 11	6.00	2.46	4	0.55	1.6	BUR-2IPSDI-11
3"	SDR 11	7.50	3.60	4	0.55	2.5	BUR-3IPSDI-11
4"	SDR 11	9.00	4.60	8	0.60	3.8	BUR-4IPSDI-11
6"	SDR 11	11.00	6.75	8	0.65	5.2	BUR-6IPSDI-11
8"	SDR 11	13.50	8.75	8	0.80	8.2	BUR-8IPSDI-11
10"	SDR 11	16.00	10.92	12	1.01	12.2	BUR-10IPSDI-11
12"	SDR 11	19.00	12.92	12	1.26	19.1	BUR-12IPSDI-11
14"	SDR 11	21.00	14.18	12	1.40	26.0	BUR-14IPSDI-11
16"	SDR 11	23.50	16.19	16	1.66	36.0	BUR-16IPSDI-11
18"	SDR 11	25.00	18.20	16	1.70	42.0	BUR-18IPSDI-11
20"	SDR 11	27.50	20.38	20	1.98	54.0	BUR-20IPSDI-11
24"	SDR 11	32.00	24.38	20	2.30	82.0	BUR-24IPSDI-11
28"	SDR 11	36.50	28.38	28	2.11	118.0	BUR-28IPSDI-11
28"	100 PSI	36.50	28.38	28	1.73	100.0	BUR-28IPSDI-100

Red Oxide Primer Available in 2" - 24"
Stainless Steel Rings Available in 2" - 12"

SDR 7 - SDR 9 Epoxy Coated Backup Rings



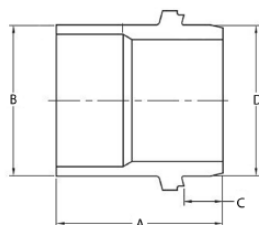
SDR 7 (Standard Dimension Ratio) 335 PSI

SDR 9 (Standard Dimension Ratio) 255 PSI

Nominal IPS Pipe Size	Pressure Class	OD inches	ID inches	Bolt Holes	Thickness Inches	Weight lbs.	Item Code
2"	SDR 7	6.00	2.46	4	0.70	2.5	BUR-2IPSDI-7
3"	SDR 7	7.50	3.60	4	0.82	4.5	BUR-3IPSDI-7
4"	SDR 7	9.00	4.60	8	0.82	6.0	BUR-4IPSDI-7
6"	SDR 7	11.00	6.75	8	0.85	8.3	BUR-6IPSDI-7
8"	SDR 7	13.50	8.75	8	0.93	12.5	BUR-8IPSDI-7
10"	SDR 7	16.00	10.92	12	0.97	16.2	BUR-10IPSDI-7
12"	SDR 7	19.00	12.92	12	1.02	22.7	BUR-12IPSDI-7
14"	SDR 7	21.00	14.18	12	1.35	44.0	BUR-14IPSDI-7
16"	SDR 7	23.50	16.19	16	1.40	54.0	BUR-16IPSDI-7
18"	SDR 7	25.00	18.20	16	1.53	50.0	BUR-18IPSDI-7
20"	SDR 9	27.50	20.38	20	1.83	70.0	BUR-20IPSDI-9
24"	SDR 9	32.00	24.38	20	1.71	90.0	BUR-24IPSDI-9

Red Oxide Primer Available in 2" - 12"

Molded Butt Fusion MJ Adapters

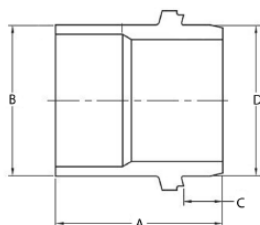


SDR 9 (Standard Dimension Ratio) 255 PSI (Working Pressure at 73.4° F)							
SDR 11 (Standard Dimension Ratio) 200 PSI (Working Pressure at 73.4° F)							
IPS - with SS Stiffeners							
Nominal IPS Pipe Size	SDR	A inches	B inches	C inches	D inches	Weight	Item Code
2"	11	8.00	2.38	2.34	2.38	1.90	MJI-2IPS-11
3"	11	9.00	3.50	2.34	3.96	2.10	MJI-3IPS-11
4"	9	10.25	4.50	2.34	4.80	3.38	MJI-4IPS-9
4"	11	10.25	4.50	2.34	4.80	2.96	MJI-4IPS-11
6"	9	11.31	6.63	2.34	6.90	6.96	MJI-6IPS-9
6"	11	11.31	6.63	2.34	6.90	6.26	MJI-6IPS-11
8"	9	11.94	8.63	2.34	9.05	12.65	MJI-8IPS-9
8"	11	11.94	8.63	2.34	9.05	11.11	MJI-8IPS-11
10"	9	13.56	10.75	2.34	11.10	20.90	MJI-10IPS-9
10"	11	13.56	10.75	2.34	11.10	18.10	MJI-10IPS-11
12"	9	13.00	12.75	2.34	13.20	28.00	MJI-12IPS-9
12"	11	13.00	12.75	2.34	13.20	24.16	MJI-12IPS-11

MJ Accessory Kits					
Nominal Pipe Size	Type	Bolt Size	Number of Bolts	Weight in lbs	Item Code
2"	C153	5/8" x 5"	2	6.13	MJKIT-02
3"	C153	5/8" x 4.5"	4	6.70	MJKIT-03
4"	C153	3/4 x 4.5"	4	7.44	MJKIT-04
6"	C153	3/4 x 5"	6	11.20	MJKIT-06
8"	C153	3/4 x 5"	6	12.35	MJKIT-08
10"	C153	3/4 x 6"	8	17.64	MJKIT-10
12"	C153	3/4 x 6"	8	19.21	MJKIT-12



Molded Butt Fusion MJ Adapters



SDR 9 (Standard Dimension Ratio) 255 PSI (Working Pressure at 73.4° F)							
SDR 11 (Standard Dimension Ratio) 200 PSI (Working Pressure at 73.4° F)							
DIPS - with SS Stiffeners							
Nominal IPS Pipe Size	SDR	A inches	B inches	C inches	D inches	Weight	Item Code
4"	9	10.25	4.80	2.34	4.80	3.54	MJI-4DIPS-9
4"	11	10.25	4.80	2.34	4.80	3.21	MJI-4DIPS-11
6"	9	11.31	6.90	2.34	6.90	7.69	MJI-6DIPS-9
6"	11	11.31	6.90	2.34	6.90	6.83	MJI-6DIPS-11
8"	9	11.94	9.05	2.34	9.05	12.96	MJI-8DIPS-9
8"	11	11.94	9.05	2.34	9.05	11.25	MJI-8DIPS-11
10"	9	13.56	11.10	2.34	11.10	22.08	MJI-10DIPS-9
10"	11	13.56	11.10	2.34	11.10	19.93	MJI-10DIPS-11
12"	9	13.00	13.20	2.34	13.20	30.20	MJI-12DIPS-9
12"	11	13.00	13.20	2.34	13.20	25.91	MJI-12DIPS-11

MJ Accessory Kits					
Nominal Pipe Size	Type	Bolt Size	Number of Bolts	Weight in lbs	Item Code
4"	C153	3/4 x 4.5"	4	7.44	MJKIT-04
6"	C153	3/4 x 5"	6	11.20	MJKIT-06
8"	C153	3/4 x 5"	6	12.35	MJKIT-08
10"	C153	3/4 x 6"	8	17.64	MJKIT-10
12"	C153	3/4 x 6"	8	19.21	MJKIT-12





Fabricated Fittings

- 1/2" to 48" in IPS or DIPS
- Dual Containment
- Specialty Butt Fusion Fittings
- Specialty Transition Fittings
- Full Capabilities for FM (Factory Mutual) Approved Fittings
- HDPE x PVC Transitions
- Metric Sized Fittings



IntegriFuseTM

Socket Fusion



90 Degree Elbows



Tees



Reducers

Couplers



Caps



Socket x Brass Transitions



IntegriFuse Socket Fusion Kit

Butt Fusion

Socket Fusion

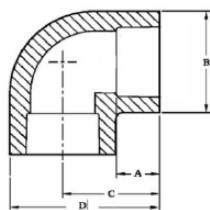
Transitions

Poly Ball Valves

Equipment



Molded Socket Fusion 90 Degree Elbows

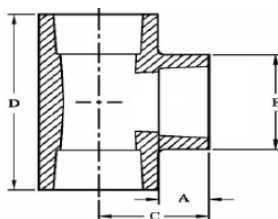


SDR 11 - 7 (Standard Dimension Ratio) up to 335 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	Weight lbs.	Item Code
3/4"	0.75	1.50	1.63	2.38	0.11	90SK-075
1"	0.77	1.83	1.69	2.61	0.16	90SK-100
1 1/4"	0.95	2.27	2.09	3.23	0.27	90SK-125
1 1/2"	0.98	2.63	2.33	3.65	0.41	90SK-150
2"	1.00	3.28	2.73	4.37	0.73	90SK-200



Molded Socket Fusion Tees



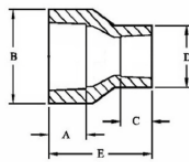
SDR 11 - 7 (Standard Dimension Ratio) up to 335 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	Weight lbs.	Item Code
3/4"	0.73	1.49	1.63	3.25	0.14	TEESK-075
1"	0.75	1.84	1.69	3.41	0.21	TEESK-100
1 1/4"	0.98	2.30	2.10	4.22	0.38	TEESK-125
1 1/2"	0.97	2.65	2.34	4.67	0.55	TEESK-150
2"	0.97	3.26	2.78	5.40	0.99	TEESK-200





Molded Socket Fusion Reducers

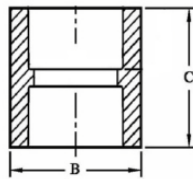


SDR 11 - 7 (Standard Dimension Ratio) up to 335 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	E inches	Weight lbs.	Item Code
1" x 3/4"	0.75	1.83	0.68	1.46	1.98	0.08	REDSK-1X075
1 1/4" x 3/4"	1.00	2.26	0.72	1.46	2.18	0.13	REDSK-125X075
1 1/4" x 1"	0.96	2.26	0.81	1.83	2.27	0.15	REDSK-125X1
1 1/2" x 1"	0.96	2.56	0.77	1.84	2.15	0.15	REDSK-150X1
1 1/2" x 1 1/4"	0.97	2.56	0.95	2.30	2.16	0.18	REDSK-150X125
2" x 1"	0.99	3.27	0.76	1.83	2.52	0.27	REDSK-2X1
2" x 1 1/4"	1.00	3.28	0.96	2.28	2.55	0.29	REDSK-2X125
2" x 1 1/2"	0.99	3.27	0.97	2.55	2.56	0.30	REDSK-2X150



Molded Socket Fusion Couplers



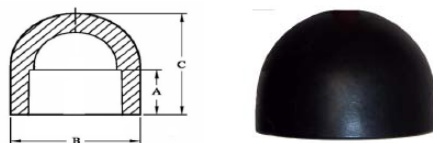
SDR 11 - 7 (Standard Dimension Ratio) up to 335 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	B inches	C inches	Weight lbs.	Item Code
3/4"	1.46	2.19	0.07	CPLSK-075
1"	1.82	2.20	0.11	CPLSK-100
1 1/4"	2.27	2.19	0.15	CPLSK-125
1 1/2"	2.55	2.18	0.19	CPLSK-150
2"	3.27	2.36	0.34	CPLSK-200





Molded Socket Fusion Caps

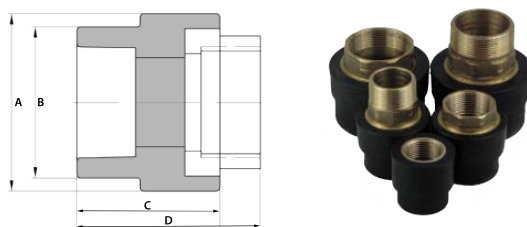


SDR 11 - 7 (Standard Dimension Ratio) up to 335 PSI (Working Pressure at 73.4° F)

Nominal IPS Pipe Size	A inches	B inches	C inches	Weight lbs.	Item Code
3/4"	0.74	1.45	1.56	0.05	CAPSK-075
1"	0.78	1.83	1.78	0.08	CAPSK-100
1 1/4"	0.98	2.28	2.23	0.16	CAPSK-125
1 1/2"	0.98	2.55	2.00	0.17	CAPSK-150
2"	0.99	3.28	2.23	0.30	CAPSK-200



Molded Socket x Brass Transitions



Male Socket x Brass Transitions

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	Weight lbs.	Item Code
1"	2.14	1.77	2.06	2.78	0.58	TRANMSBRI-01
1 1/4"	2.59	2.20	2.09	3.54	0.80	TRANMSBRI-0125
2"	3.67	3.50	2.35	4.12	1.66	TRANMSBRI-02

Female Socket x Brass Transitions

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	Weight lbs.	Item Code
1"	2.14	1.77	2.06	2.04	0.36	TRANFSBRI-01
1 1/4"	2.59	2.20	2.09	2.68	0.65	TRANFSBRI-0125
2"	3.67	3.50	2.35	3.09	1.24	TRANFSBRI-02



IntegriFuseTM

Transition Fittings

Supertech ID Controlled

Threaded

Weld End

Grooved End

IntegriFuse OD Controlled

Threaded

Standard NPT

Male Pipe Threads

Female Pipe Threads

Butt Fusion

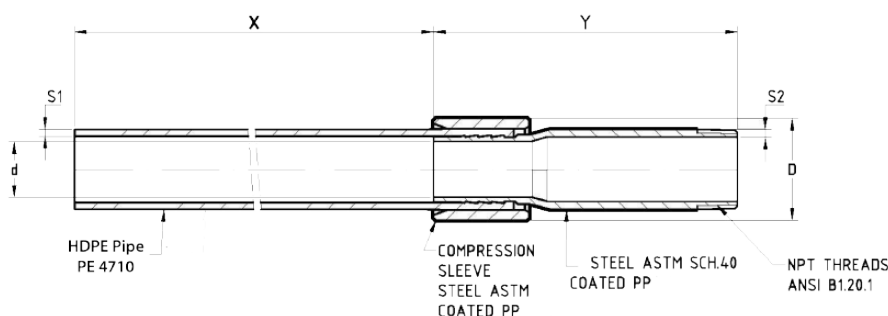
Socket Fusion

Transitions

Poly Ball Valves

Equipment

Supertech ID Controlled Transition Fitting Threaded - Internally and Externally Coated



SUPERTECH
INDUSTRIAL

SDR 11 (Standard Dimension Ratio) 200 PSI (Working Pressure at 73.4° F)

Nom. Size Steel x HDPE (IPS)	X Inches	Y Inches	D Inches	d Inches	S1 Inches	S2 Inches	Item Code
1" x 1"	11.90	5.52	1.67	1.04	0.12	0.13	TR-TH0100-11
1 1/4" x 1 1/4"	11.94	5.88	1.90	1.32	.015	0.14	TR-TH0125-11
1 1/2" x 1 1/2"	12.03	6.19	2.37	1.52	0.17	0.15	TR-TH0150-11
2" x 2"	12.16	6.22	2.87	1.90	0.22	0.15	TR-TH0200-11
3" x 3"	11.97	7.03	4.00	2.82	0.32	0.22	TR-TH0300-11
4" x 4"	12.06	7.06	5.50	3.64	0.41	0.24	TR-TH0400-11
6" x 6"	17.40	12.09	7.63	5.38	0.60	0.28	TR-TH0600-11

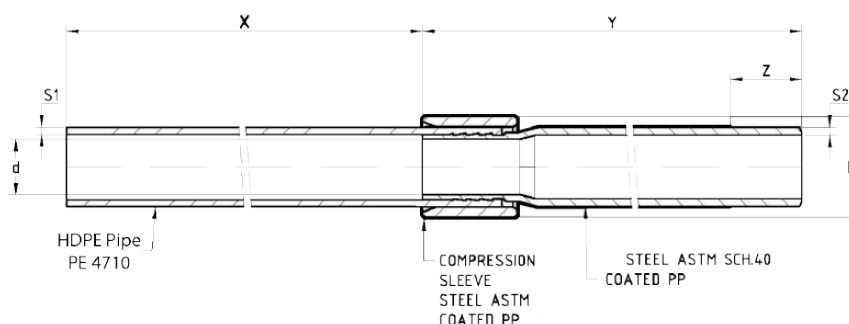
SDR 9 (Standard Dimension Ratio) 255 PSI (Working Pressure at 73.4° F)

Nom. Size Steel x HDPE (IPS)	X Inches	Y Inches	D Inches	d Inches	S1 Inches	S2 Inches	Item Code
1" x 1"	11.90	5.52	1.67	0.99	0.14	0.13	TR-TH0100-9
1 1/4" x 1 1/4"	11.94	5.88	1.90	1.29	0.18	0.14	TR-TH0125-9
2" x 2"	12.16	6.22	2.87	1.82	0.26	0.15	TR-TH0200-9
3" x 3"	11.97	7.03	4.00	2.71	0.38	0.22	TR-TH0300-9
4" x 4"	12.06	7.06	5.50	3.49	0.48	0.24	TR-TH0400-9
6" x 6"	17.40	12.09	7.63	5.16	0.71	0.28	TR-TH0600-9

SDR 7 (Standard Dimension Ratio) based on 335 PSI (Working Pressure at 73.4° F)

Nom. Size Steel x HDPE (IPS)	X Inches	Y Inches	D Inches	d Inches	S1 Inches	S2 Inches	Item Code
1 1/4" x 1 1/4"	11.94	5.88	1.90	1.15	.028	0.14	TR-TH0125-7
2" x 2"	12.16	6.22	2.87	1.66	0.34	0.15	TR-TH0200-7
3" x 3"	11.97	7.03	4.00	2.46	0.50	0.22	TR-TH0300-7
4" x 4"	12.06	7.06	5.50	3.18	.64	0.24	TR-TH0400-7
6" x 6"	17.40	12.09	7.626	4.697	0.95	0.280	TR-TH0600-7

Supertech ID Controlled Transition Fitting Weld End - Externally Coated



SUPERTECH
INDUSTRIAL

SDR 11 (Standard Dimension Ratio) 200 PSI (Working Pressure at 73.4° F)

Nom. Size Steel x HDPE (IPS)	X Inches	Y Inches	D Inches	d Inches	S1 Inches	S2 Inches	Z Inches	Item Code
1" x 1"	11.90	13.16	1.67	1.04	0.12	0.13	2	TR-WE0100-11
1 1/4" x 1 1/4"	11.94	13.44	1.90	1.32	.015	0.14	2	TR-WE0125-11
2" x 2"	12.16	13.78	2.87	1.90	0.22	0.15	2	TR-WE0200-11
3" x 3"	11.97	14.84	4.00	2.82	0.32	0.22	2	TR-WE0300-11
4" x 4"	12.06	14.88	5.50	3.64	0.41	0.24	2	TR-WE0400-11
6" x 6"	17.40	17.90	7.63	5.38	0.60	0.28	2	TR-WE0600-11
8" x 8"	24.44	22.88	9.63	7.02	.078	0.32	2	TR-WE0800-11

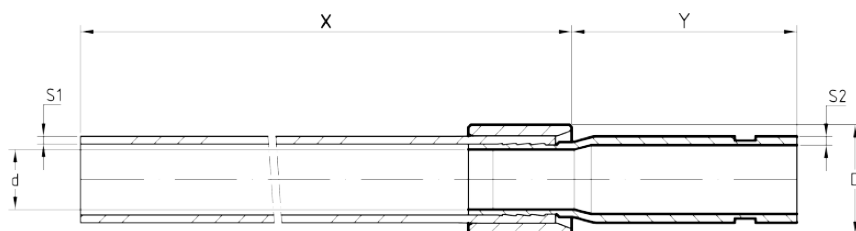
SDR 9 (Standard Dimension Ratio) 255 PSI (Working Pressure at 73.4° F)

Nom. Size Steel x HDPE (IPS)	X Inches	Y Inches	D Inches	d Inches	S1 Inches	S2 Inches	Z Inches	Item Code
2" x 2"	12.16	13.78	2.87	1.82	0.26	0.15	2	TR-WE0200-9
3" x 3"	11.97	14.84	4.00	2.71	0.38	0.22	2	TR-WE0300-9
4" x 4"	12.06	14.88	5.50	3.49	0.48	0.24	2	TR-WE0400-9
6" x 6"	17.40	17.90	7.63	5.16	0.71	0.28	2	TR-WE0600-9

SDR 7 (Standard Dimension Ratio) based on 335 PSI (Working Pressure at 73.4° F)

Nom. Size Steel x HDPE (IPS)	X Inches	Y Inches	D Inches	d Inches	S1 Inches	S2 Inches	Z Inches	Item Code
1 1/4" x 1 1/4"	11.94	13.44	1.90	1.32	.015	0.14	2	TR-WE0125-7
2" x 2"	12.16	13.78	2.87	1.90	0.22	0.15	2	TR-WE0200-7
3" x 3"	11.97	14.84	4.00	2.82	0.32	0.22	2	TR-WE0300-7
4" x 4"	12.06	14.88	5.50	3.64	0.41	0.24	2	TR-WE0400-7
6" x 6"	17.40	17.90	7.63	5.38	0.60	0.28	2	TR-WE0600-7
8" x 8"	24.44	22.88	9.63	7.02	.078	0.32	2	TR-WE0800-7

Supertech ID Controlled Transition Fitting Grooved End - Internally and Externally Coated



SUPERTECH
INDUSTRIES

SDR 11 (Standard Dimension Ratio) 200 PSI (Working Pressure at 73.4° F)

Nom. Size Steel x HDPE (IPS)	X Inches	Y Inches	D Inches	d Inches	S1 Inches	S2 Inches	Item Code
2" x 2"	12.16	13.78	2.87	1.82	0.26	0.15	TR-GR0200-11
3" x 3"	11.97	14.84	4.00	2.71	0.38	0.22	TR-GR0300-11
4" x 4"	12.06	14.88	5.50	3.49	0.48	0.24	TR-GR0400-11

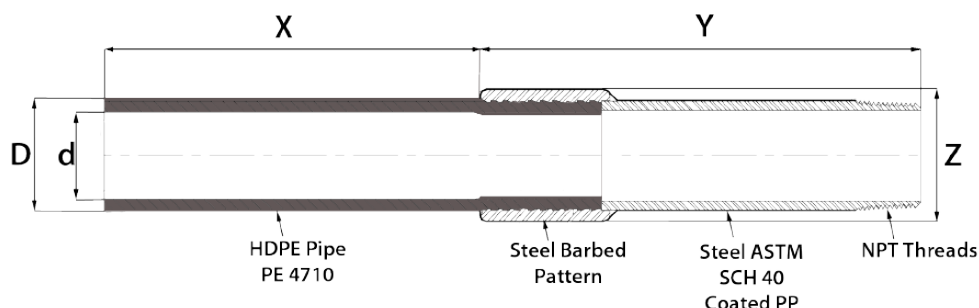
SDR 7 (Standard Dimension Ratio) based on 335 PSI (Working Pressure at 73.4° F)

Nom. Size Steel x HDPE (IPS)	X Inches	Y Inches	D Inches	d Inches	S1 Inches	S2 Inches	Item Code
2" x 2"	12.16	13.78	2.87	1.82	0.26	0.15	TR-GR0200-7
3" x 3"	11.97	14.84	4.00	2.71	0.38	0.22	TR-GR0300-7
4" x 4"	12.06	14.88	5.50	3.49	0.48	0.24	TR-GR0400-7

Other styles and sizes of HDPE Transitions
available to order.



IntegriFuse OD Controlled Transition Fitting Threaded - Internally and Externally Coated



SDR 11 (Standard Dimension Ratio) 200 PSI (Working Pressure at 73.4° F)

Nom. Size Steel x HDPE (IPS)	X Inches	Y Inches	D Inches	d Inches	Z Inches	Item Code
2" x 2"	9.27	5.83	2.38	1.91	2.64	TI-TH0200-11
3" x 3"	12.05	6.81	3.50	2.82	3.76	TI-TH0300-11
4" x 4"	11.83	7.40	4.50	3.63	4.74	TI-TH0400-11

SDR 9 (Standard Dimension Ratio) 255 PSI (Working Pressure at 73.4° F)

Nom. Size Steel x HDPE (IPS)	X Inches	Y Inches	D Inches	d Inches	Z Inches	Item Code
2" x 2"	9.27	5.83	2.38	1.81	2.64	TI-TH0200-9
3" x 3"	12.05	6.81	3.50	2.67	3.76	TI-TH0300-9
4" x 4"	11.83	7.40	4.50	3.44	4.74	TI-TH0400-9

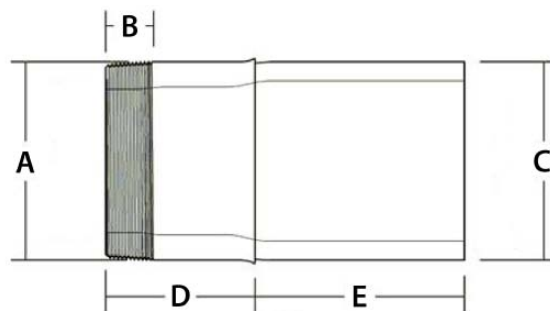
SDR 7 (Standard Dimension Ratio) based on 335 PSI (Working Pressure at 73.4° F)

Nom. Size Steel x HDPE (IPS)	X Inches	Y Inches	D Inches	d Inches	Z Inches	Item Code
2" x 2"	9.27	5.83	2.38	1.66	2.64	TI-TH0200-7
3" x 3"	12.05	6.81	3.50	2.44	3.76	TI-TH0300-7
4" x 4"	11.83	7.40	4.50	3.14	4.74	TI-TH0400-7





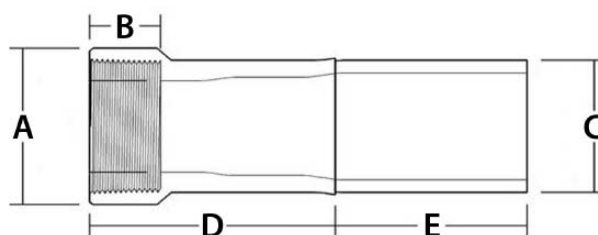
IntegriFuse Standard NPT Transition Fitting



SDR 7, 9 or 11 Pipe. Fittings available in Epoxy Coated Carbon Steel, 304 Stainless Steel and 316 Stainless Steel.

Male (MIPT) NPT Transitions

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	E inches	Item Code
3/4"	1.25	0.70	1.05	1.80	6.20	T-MPT-0075
1"	1.32	0.99	1.32	2.00	6.00	T-MPT-0010
1 1/4"	1.66	1.01	1.66	2.60	5.40	T-MPT-0125
1 1/2"	1.90	1.03	1.9	2.60	5.40	T-MPT-0150
2"	2.38	1.06	2.38	3.00	5.00	T-MPT-0020



SDR 7, 9 or 11 Pipe. Fittings available in Epoxy Coated Carbon Steel, 304 Stainless Steel and 316 Stainless Steel.

Female (FIPT) NPT Transitions

Nominal IPS Pipe Size	A inches	B inches	C inches	D inches	E inches	Item Code
3/4"	1.24	0.70	1.05	1.80	6.90	T-FPT-0075
1"	1.49	0.91	1.32	2.00	6.91	T-FPT-0010
1 1/4"	1.90	0.89	1.66	2.60	6.29	T-FPT-0125
1 1/2"	2.25	0.85	1.9	3.00	5.85	T-FPT-0150
2"	2.75	1.00	2.38	4.00	5.00	T-FPT-0200



IntegriFuseTM

Polyethylene Ball Valves



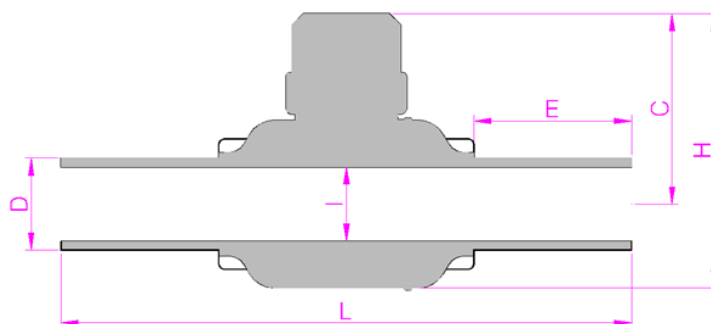
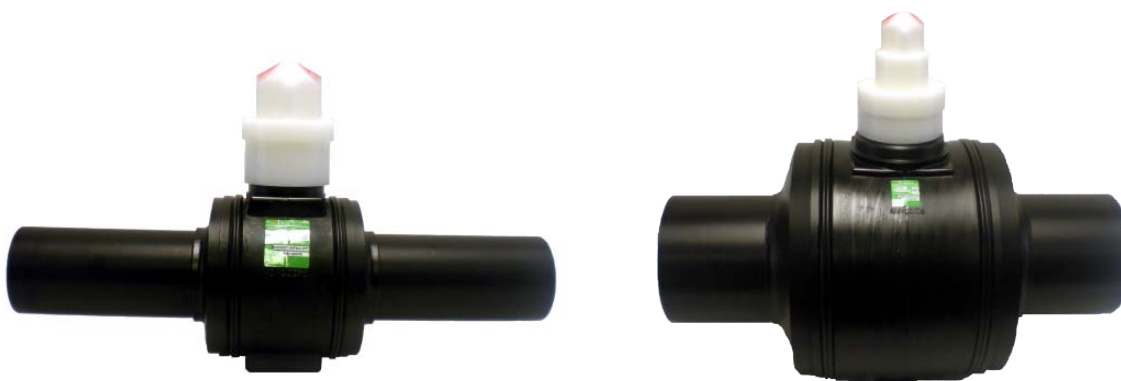
Butt Fusion

Socket Fusion

Transitions

Poly Ball Valves

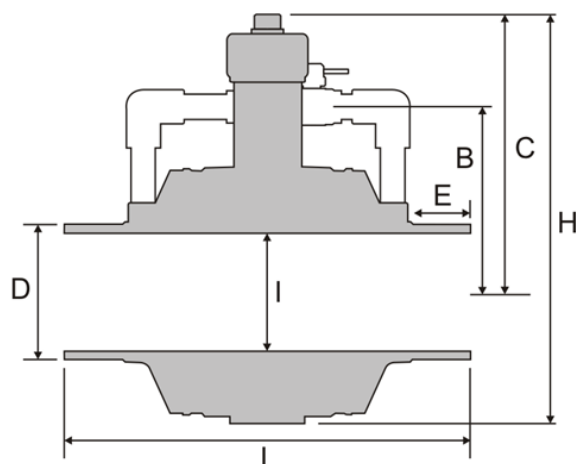
Equipment



Small Valve Sizes and Dimensions with 2" Operating Nut
Black or Yellow Valves Available

Nominal Valve Size	Port	PE Wall SDR	Normal OD "D"	Min W/T	L	H	C	I	E	CV	Weight lbs.
1/2" IPS	Full	SDR 11	0.84	.076	11.50	5.12	3.70	1.06	3.62	20	1.04
3/4" IPS	Full	SDR 11	1.05	.095	11.50	5.12	3.70	1.06	3.62	32	1.06
1" IPS	Full	SDR 11	1.32	.119	11.50	5.12	3.70	1.06	3.62	50	1.06
1 1/4" IPS	Reduced	SDR 11	1.66	.151	11.50	5.12	3.70	1.06	3.62	79	1.08
1 1/2" IPS	Reduced	SDR 11	1.90	.173	11.81	5.51	3.78	1.26	3.15	104	1.74
2" IPS	Full	SDR 11	2.38	.216	19.53	9.65	7.01	1.77	6.69	164	4.63
3" IPS	Full	SDR 11	3.50	.318	21.18	11.81	8.50	2.52	6.69	375	8.82
4" IPS	Full	SDR 11	4.50	.409	24.02	14.92	10.39	3.58	6.69	591	18.74
6" IPS	Full	SDR 11	6.63	.602	26.18	18.94	13.03	4.80	6.69	1280	39.90
8" IPS	Full	SDR 11	8.63	.785	30.12	24.80	16.57	6.69	6.69	2146	91.71

Valves meet ASTM D 2513 requirements, ISO 9001, and are manufactured with materials that are approved for water contact as defined by NSF

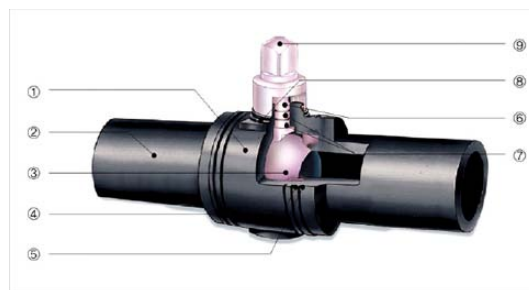


STANDARD 10" IPS Full Port Through 16" IPS PE VALVES Short Gear Actuator & Differential Bypass Assembly

Nominal Valve Size	Port	PE Wall SDR	Normal OD "D"	Min W/T	L	H	C	B	I	E	CV	Weight lbs.
10 IPS	Full	SDR 11	10.750	.978	30.12	31.89	23.66	N/A	7.95	7.09	3074	103.13
12 IPS	Full	SDR 11	12.750	1.160	38.50	38.58	26.16	17.36	11.38	5.71	4746	263.45
14 IPS	Full	SDR 11	14.000	1.273	35.83	38.58	26.16	17.56	11.38	5.71	5736	226.09
16 IPS	Full	SDR 11	16.000	1.455	35.83	38.58	26.16	18.23	11.38	5.71	6559	274.91

10" Valves do not include the Differential Bypass Assembly.

Valves meet ASTM D 2513 requirements, ISO 9001, and are manufactured with materials that are approved for water contact as defined by NSF



Number	Component	Material	Features
1	Body	Polyethylene	PE3408/PE100, PE 2406
2	End	Polyethylene	PE3408/PE100, or PE 2406
3	Ball	Acetal / Polypropylene*	Excellent Strength & Thermal Resistance
4	Retainer	Polypropylene	Positive seal under any condition. Retains seat under high differential pressure
5	Ball Seat	Nitrile (HNBR)	Reliable sealing from -20° F to 140° F
6	Stem	Acetal	Excellent durability & strength
7	Stem Seal	Nitrile (HNBR)	Redundant sealing with dual O-rings
8	Weather Seal	Nitrile (HNBR)	Protects from ground water and dirt
9	Operating Nut	Polypropylene	2 inch (50mm) square or hexagon
10	Purge Connector	Polyethylene	Integral easy purge connection

Note: The IntegriFuse valve utilizes a specially compounded Nitrile (HNBR) seal, unique in the industry. HNBR = Hydrogenated Nitrile rubber, known for its excellent high temperature performance, tensile strength, as well as high resistance to fuels, oils, solvents, and ozone.

2" IPS Reduced Port valves and smaller—Acetal 2" IPS Full Port valves and larger—Polypropylene

Item	Operating Feature
Designed/Tested	Valves meet ASTM D 2513 requirements, ISO 9001, and are manufactured with materials that are approved for water contact as defined by NSF
Materials	PE3408/PE100 Black SDR 11 rated @ 100 PSI for gas & 200 PSI for water PE2406 Yellow SDR 11 rated @ 80 PSI for gas
Temperature	From -20° F to 140° F (-20° C to 60° C)
Bore	Reduced and Full Port
Pipe Connection	Butt Fusion
Valve Boxes	IntegriFuse valves are supported by all the leading valve box manufacturers

Hydrostatic Strength Test

TEMP: 74° F	TEMP 100° F	TEMP: 176° F
1000 Hours	1000 Hours	170 Hours
265 PSI	214 PSI	136 PSI

IntegriFuseTM

Equipment & Tools



Electrofusion Processor

Socket Fusion Kit



Scraper Tools



Re-Rounding Tools



Alignment Clamps



Rechargeable Pipe Cutters



Butt Fusion

Socket Fusion

Transitions

Poly Ball Valves

Equipment



Electrofusion Processor



Fusion Capacity	Scanner	Supply Voltage	Output Voltage	Item Code
1/2" - 63" Electrofusion Fittings	Pen Scanner	120 V	8 VAC to 48 VAC	INT-EFP-PS
1/2" - 63" Electrofusion Fittings	SmartScan	120 V	8 VAC to 48 VAC	INT-EFP-SS
1/2" - 63" Electrofusion Fittings	SmartScan with GPS	120 V	8 VAC to 48 VAC	INT-EFP-GPS

Fuses All Brands and Sizes of Universally Barcoded Electrofusion Fittings



Socket Fusion Kit

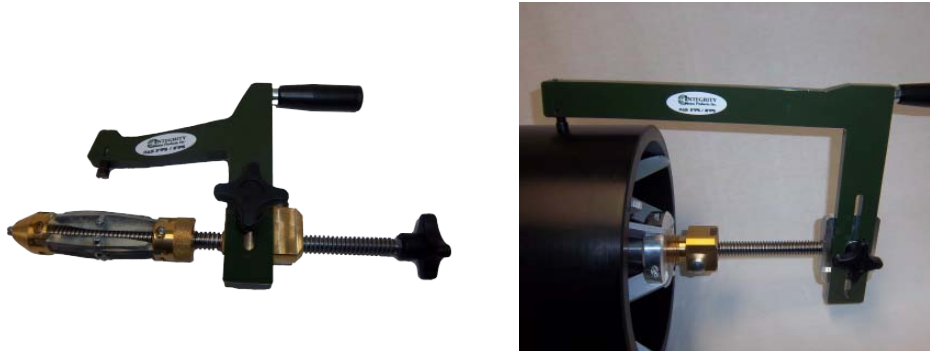


Size	Supply Voltage	Temp Control	Screen Type	Item Code
.5" - 2" IPS	110 V / 60 Hz	Adjustable	Digital	SCKTKT-INT052





Scraper Tools



Model	Size	Item Code
INT-052	1/2" IPS - 2" IPS	SCR-INT-052
INT-36	3" IPS - 6" DIPS	SCR-INT-36
INT-816	8" IPS - 16" DIPS	SCR-INT-816
INT-1832	18" IPS - 32" IPS	SCR-INT-1832



Re-Rounding Tools



Size	Inserts	Type	Item Code
63" IPS	Master	Hydraulic	RRC-INT-63
54" IPS	Master	Hydraulic	RRC-INT-54
48" IPS	Master	Hydraulic	RRC-INT-48
36" DIPS	36" IPS, 34" IPS	Hydraulic	RRC-INT-36
32" IPS/30" DIPS	30" IPS, 28" IPS	Hydraulic	RRC-INT-32
24" DIPS	24" IPS, 22" DIPS, 20" DIPS, 20" IPS	Hydraulic	RRC-INT-24
18" DIPS	18" IPS, 16" DIPS, 16" IPS, 14" DIPS, 14" IPS	Hydraulic	RRC-INT-18
12" DIPS	12" IPS, 10" DIPS, 10" IPS, 8" DIPS, 8" IPS	Manual	RRC-INT-12



Most Sizes Also
Available for Rental



Alignment Clamps



Size	Inserts	Type	Item Code
6" IPS	6" x 5", 6" x 4"	Manual	ALC-INT-6
4" IPS	4" x 3" Master, 4" x 2" Master (1.5", 1.25", 1", .75", .5")	Manual	ALC-INT-4
3" IPS	3" x 2" Master (1.5", 1.25", 1", .75", .5")	Manual	ALC-INT-3
2" IPS	1.5", 1.25", 1", .75", .5"	Manual	ALC-INT-2



Rechargeable Pipe Cutter



Cutting Range	Supply Voltage	Speed	Battery Type	Item Code
.5" - 1.25"	9.6 V	4-5 Seconds per Cut	Rechargeable	RPC-INT-1





Service

Customer service is a priority for the staff of Integrity Fusion Products. We are here to serve you. Your phone call and email inquiries are answered directly and promptly by one of our sales team members.

Integrity Fusion Products offers the largest range of HDPE inventory in the country. Unmatched products and quantities are in stock, ready to ship. Our warehouse houses a full line and deep quantities of HDPE butt fusion, socket fusion, transitions, electrofusion fittings and equipment.

Integrity Fusion Products provides top quality products to you and your customer in a timely manner. Most orders ship within 24 hours. With a wide range of shipping options at our service, your products can be delivered how, when, and where you need them.

Innovation

New product development has always been part of our company culture. We listen to our customers and we strive to exceed their expectations by developing new and innovative products that offer solutions to these industry challenges. A few examples of this is our industry exclusive Molded Butt Reducing Tees, unique one step reducer sizes, size on size electrofusion branch saddles, electrofusion fittings up to 63" and high pressure electrofusion fittings up to 480 PSI. Additional new products are currently in development and we work hard to help the HDPE market segment grow.

Integrity

In 2006, when Doug Yelken started Integrity Fusion Products, the company name was very intentional in both name and a philosophy for doing business. Our goal is that each of our employees acts with integrity in both their work and personal lives. In addition, the products we manufacture are produced with integrity and are among the best in the industry. By selecting the highest quality resin available in the market, and utilizing the most modern and innovative production practices, we can proudly say that we are "INTEGRITY".

INTEGRITY Fusion Products, Inc.



IntegriFuseTM



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