

## Polyethylene Fittings

### HDPE 3408 Polyethylene Molded Fittings

Polyethylene molded fittings are designed to be joined to polyethylene pipe by a simple heat fusion process. The procedures and principles for fusion are essentially the same as that for joining polyethylene pipe, producing a joint that is as strong as the pipe itself. Fittings are produced from the same HDPE 3408 resins used to extrude the pipe.



**90° Bend**



**45° Bend**



**TEE**

<b>HDPE BUTT 90° ELBOW</b>	SIZE	SDR	PRODUCT NUMBER
	1¼"	11	22665
	1½"	11	22963
	2"	11	23065
		17	23201 3
	3"	11	23201
		17	23201 3
	4"	11	23227
		17	23228
	6"	11	23303
		17	23304
	8"	11	23387 2
		17	23387 4
10"	11	23398 4	
	17	23398 3	
12"	11	23483	
	17	23482	

<b>HDPE BUTT 45° ELBOW</b>	SIZE	SDR	PRODUCT NUMBER
	2"	11	23064
	3"	11	23201 5
		17	23201 6
	4"	11	23230 4
		17	23230 3
	6"	11	23310 3
		17	23310 4
	8"	11	23390 2
		17	23390 4
	10"	11	23398 6
		17	23398 5
12"	11	23486	
	17	23485	

**SHORT SPEC:**

Polyethylene fittings ¾" thru 12" shall be injection molded from polyethylene resin PE 3408 and meet the applicable requirements of ASTM D-2513. In addition, butt fittings must meet the requirements of ASTM D-3261 while socket fittings will conform to ASTM D-2683. All fittings shall have the same pressure rating as the system piping.

<b>HDPE BUTT TEE</b>	SIZE	SDR	PRODUCT NUMBER
	1¼"	11	22660
	1½"	11	22968
	2"	11	23048
		17	23202
	3"	11	23202 3
		17	23260
	4"	11	23260 8
		17	23319 1
	6"	11	23319 2
		17	23374 2
	8"	11	23374 3
		17	23397 06
	10"	11	23397 05
		17	23474
12"	11	23474	
	17	23476	

# Water, Sewer & Drain Fittings B-44

# Polyethylene Fittings



HDPE BUTT REDUCER	SIZE	SDR	PRODUCT NUMBER
	1¼" x 1"	11	22690
	1½" x 1"	11	NS
	2" x 1¼"	11	23056 1
	3" x 2"	11	23188
		17	23188 2
	4" x 3"	11	23293 4
		17	23296 01
	6" x 4"	11	23339 2
		17	23339 1
	8" x 6"	11	23375 25
		17	23375 2
	10" x 8"	11	23397 6
17		23397 5	
12" x 8"	11	NS	
	17	NS	



HDPE BUTT CAP	SIZE	SDR	PRODUCT NUMBER
	1¼"	11	22670
	1½"	11	22964
	2"	11	23080 02
	3"	11	23208
		17	23207
	4"	11	23296 1
		17	23296 16
	6"	11	23310 1
		17	23310 16
	8"	11	23391 1
		17	23391
	10"	11	23398 2
17		23397 9	
12"	11	23480	
	17	23480 1	



Lap Joint Flanges "Backup Flanges"

BACKING RINGS			
SIZE	PRODUCT NUMBER		
	STEEL	DUCTILE IRON	STAINLESS STEEL
3"	23205	23205 1	23205 2
4"	23298	23298 1	23298 2
6"	23360	23360 1	23360 2
8"	23380	23380 1	23380 2
10"	23398	23398 1	23398 15
12"	23501	23501 1	23501 2

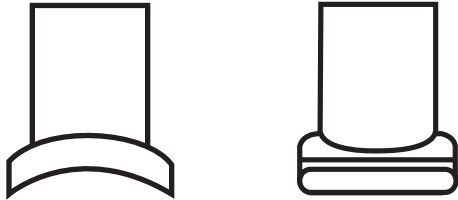


Flange Adaptors \* "Stub Ends"

HDPE FLANGE ADAPTORS	SIZE	SDR	PRODUCT NUMBER
	3"	11	23206
		17	23206 1
	4"	11	23296
		17	23297
	6"	11	23362
		17	23362 2
	8"	11	23396 1
		17	23396 06
	10"	11	23399
		17	23399 1
	12"	11	23500
		17	23500 08

\* Flange adaptors require longer bolts for assembly.

## Polyethylene Fittings



HDPE SADDLE TEE		
SIZE	SDR	PRODUCT NUMBER
4" x 1 1/4"	11	23260 12
4" x 2"	11	23260 5
4" x 3"	11	23260 75
	17	23260 6
6" x 2"	11	23319 9
6" x 3"	11	23319 8
6" x 4"	11	23330 5
	17	23330 4
8" x 2"	11	23374 5
8" x 4"	11	23377 5
8" x 6"	11	23375 4
10" x 3"	11	23397 11
10" x 4"	11	23397 10
10" x 6"	11	NS
	17	NS
10" x 8"	11	NS
	17	NS

**NOTE:** Polyethylene Molded fittings are made to meet the pressure requirements of the pipe they are to be used with. All Polyethylene fittings are ordered per application; please call your local Team EJP sales office for price and availability.

### SHORT SPEC:

Polyethylene fittings 1/2" thru 8" shall be injection molded from polyethylene resin PE 3408 and meet the applicable requirements of ASTM D-2513. In addition, butt fittings must meet the requirements of ASTM D-3261 while socket fittings will conform to ASTM D-2683. All fittings shall have the same pressure rating as the system piping.

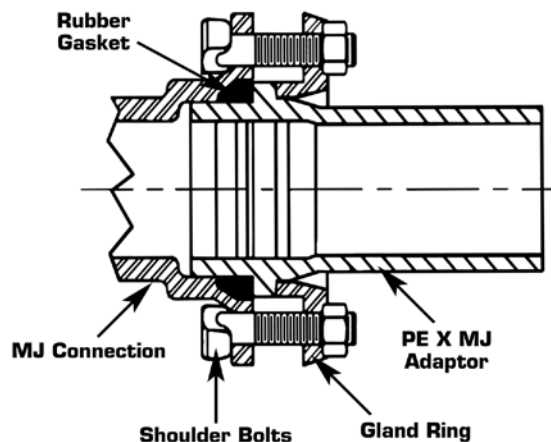
### Polyethylene MJ Adaptor



- For joining IPS or DI size polyethylene pipe to any ANSI/ AWWA C153 ductile iron compact fitting and valve.
- Molded from a NSF listed high density resin.
- Fully complies with AWWA C901, 906.
- Polyethylene MJ Adaptors require longer T-head bolts for ease of assembly.

SIZE	SDR	PRODUCT NUMBER	
		IPS SIZE	DI SIZE
4"	11	22089	22089 1
6"	11	22129	22129 1
8"	11	22167 5	22167 6
10"	11	22184 5	22184 6
12"	11	22229	22229 1

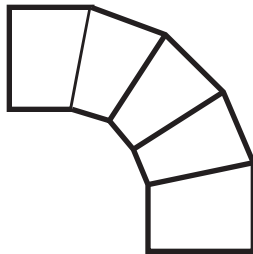
**NOTE:** 3" and 14" thru 24" sizes are available by special order.



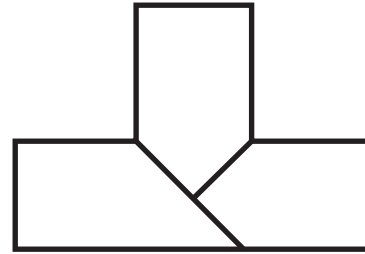
## Polyethylene Fittings

### HDPE 3408 Polyethylene Fabricated Fittings

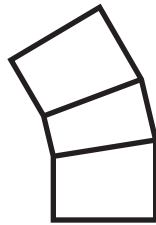
**Fabricated 90° Ells**



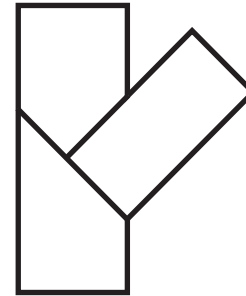
**Fabricated Tees**



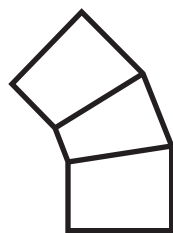
**Fabricated 22½° Ells**



**Fabricated 45° Lateral**



**Fabricated 45° Ells**



#### **SHORT SPEC:**

Polyethylene fittings 8" thru 54" shall be fabricated from HDPE 3408 resin. The fabricated fittings shall be made by miter fusion of special cut segments of polyethylene industrial pipe. Fabricated fittings shall be made from polyethylene pipe having a higher SDR rating than the piping system they are to be used in. This higher rating is to compensate for the higher internal pressures imposed on the fittings.

**NOTE:** Polyethylene elbows, straight tees, reducing tees, flanged stub ends and reducers are available in sizes ½" to 54" IPS. Factory fabricated pressure manifolds and header assemblies are available as well as special fittings or fabrications such as catch basins, waterstops and manholes. Fabricated fittings are produced to order and are non-cancelable and non-returnable. Polyethylene systems can be designed and fabricated to accommodate almost any requirements. Call your local Team EJP sales office for information and assistance with your specific needs.