

## Product Overview

The Parbond Fittings are ideally suited for any ultra-pure or corrosive chemical application. The fitting design yields a leak-tight, permanent connection that is ideal for high flow, minimal pressure drop applications. The connection is achieved by fusion welding the two ends together.



## Features

PFA body manufactured from virgin High Purity materials.

High integrity fused weld connections.

Numerous configurations including reducers.

## Benefits

Less surface particulates resulting in cleaner operation.

Less down time, fewer leaks.

Reduced system complexity and cost.

## Specifications

Materials of Construction:

Wetted Surfaces - PFA  
External Surfaces - PFA, PVDF

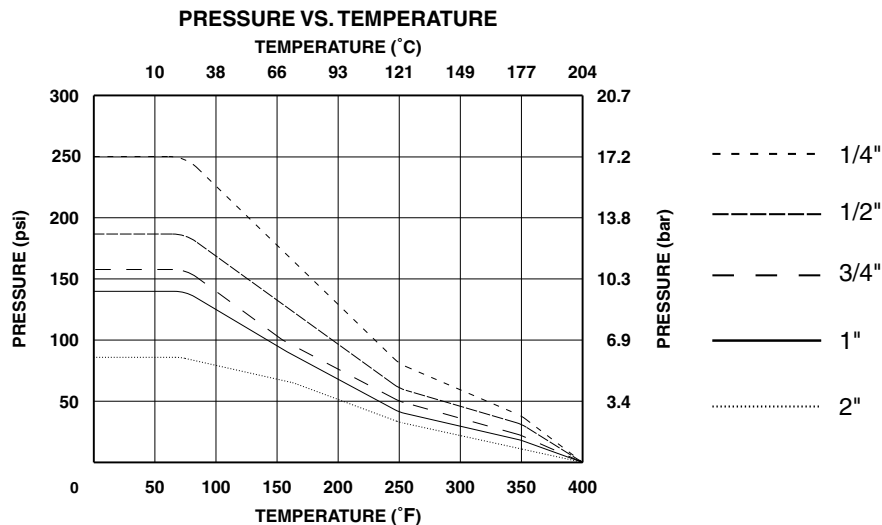
Pressure Ranges:

See Pressure/Temperature Chart below.

Temperature Ranges:

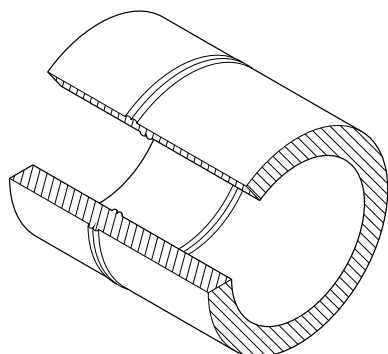
See Pressure/Temperature Chart below.

Parbond PFA fittings with Parflare ends are supplied with PVDF nuts as standard. For PFA nuts add -T to model number. Please consult factory for other available configurations and custom assemblies.

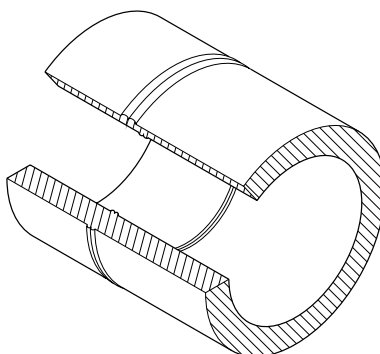


## Parbond PFA Fusible Pipe Fit-

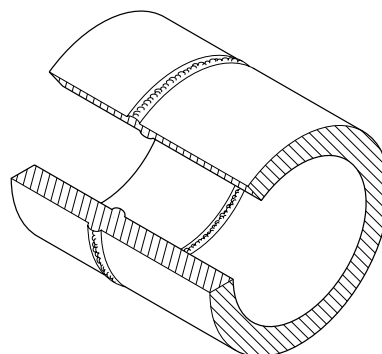
Bonding of Parbond fittings is accomplished by heating the two surfaces with a non-contact heat source to a molten state, pressing the two surfaces together, and allowing sufficient time to cool. Proper technique results in a permanent connection being made without introducing foreign matter or contamination. Below are examples of a correct and incorrect weld joints.



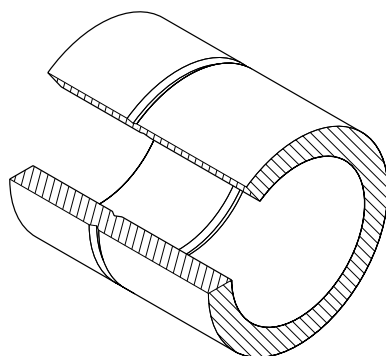
Correct Weld



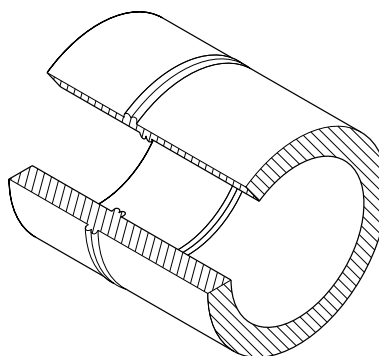
*Condition-* Weld bead uneven.  
*Causes-* Incomplete facing operation.  
Uneven heating.



*Condition-* Bubbles in weld joint.  
*Causes-* Overheating of material  
prior to joining.

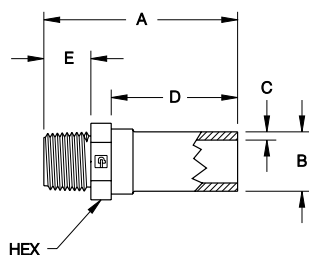


*Condition-* Lack of raised bead.  
*Causes-* Insufficient joining force.  
Joint weld distance too  
far apart.



*Condition-* Weld bead too large.  
*Causes-* Excessive joining force.  
Joint weld distance too  
close.

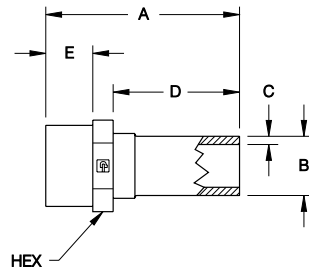
### Adaptor Male Straight



| Part Number | MNPT<br>Size | Parbond<br>Size | Orifice |       | A    |       | B    |       | C    |      | D    |       | E    |       | Hex<br>Size |
|-------------|--------------|-----------------|---------|-------|------|-------|------|-------|------|------|------|-------|------|-------|-------------|
|             |              |                 | inch    | mm    | inch | mm    | inch | mm    | inch | mm   | inch | mm    | inch | mm    |             |
| BA-4MP4     | 1/4          | 1/4             | 0.29    | 7.37  | 1.41 | 35.81 | 0.54 | 13.72 | 0.08 | 2.03 | 0.56 | 14.22 | 0.55 | 13.97 | 11/16       |
| BA-8MP8     | 1/2          | 1/2             | 0.52    | 13.21 | 2.75 | 69.85 | 0.84 | 21.34 | 0.11 | 2.79 | 1.80 | 45.72 | 0.66 | 16.76 | 15/16       |
| BA-12MP12   | 3/4          | 3/4             | 0.65    | 16.51 | 2.77 | 70.36 | 1.05 | 26.67 | 0.12 | 3.05 | 1.80 | 45.72 | 0.66 | 16.76 | 1 3/16      |
| BA-12MP8    | 3/4          | 1/2             | 0.65    | 16.51 | 2.75 | 69.85 | 0.84 | 21.34 | 0.11 | 2.79 | 1.80 | 45.72 | 0.66 | 16.76 | 1 3/16      |
| BA-16MP12   | 1            | 3/4             | 0.85    | 21.59 | 2.62 | 66.55 | 1.05 | 26.67 | 0.12 | 3.05 | 1.49 | 44.96 | 0.85 | 21.59 | 1 7/16      |
| BA-16MP16   | 1            | 1               | 0.94    | 23.88 | 2.92 | 74.17 | 1.32 | 33.40 | 0.13 | 3.30 | 1.78 | 45.21 | 0.85 | 21.59 | 1 7/16      |

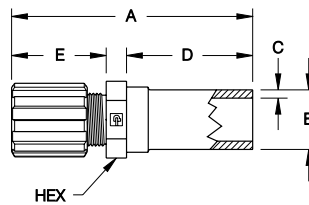
# Parbond PFA Fusible Pipe Fit-

## Adaptor Female Straight



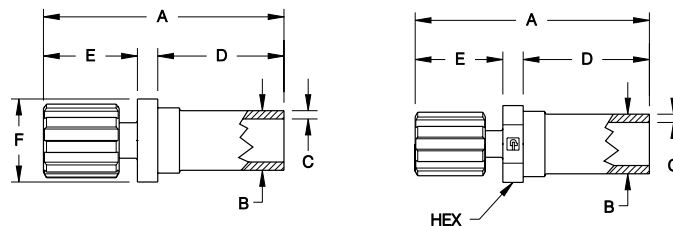
| Part Number | FNPT Size | Parbond Size | Orifice |       | A    |       | B    |       | C    |      | D    |       | E    |       | Hex Size |
|-------------|-----------|--------------|---------|-------|------|-------|------|-------|------|------|------|-------|------|-------|----------|
|             |           |              | inch    | mm    | inch | mm    | inch | mm    | inch | mm   | inch | mm    | inch | mm    |          |
| BA-4FP4     | 1/4       | 1/4          | 0.38    | 9.65  | 1.41 | 35.81 | 0.54 | 13.74 | 0.08 | 2.01 | 0.56 | 14.22 | 0.56 | 14.22 | 3/4      |
| BA-6FP4     | 3/8       | 1/4          | 0.38    | 9.65  | 1.41 | 35.81 | 0.54 | 13.72 | 0.08 | 2.03 | 0.56 | 14.22 | 0.62 | 15.75 | 15/16    |
| BA-8FP8     | 1/2       | 1/2          | 0.57    | 14.48 | 2.75 | 69.85 | 0.84 | 21.41 | 0.10 | 2.60 | 1.68 | 42.67 | 0.67 | 17.02 | 1 1/8    |
| BA-12FP12   | 3/4       | 3/4          | 0.85    | 21.59 | 2.45 | 62.10 | 1.05 | 26.67 | 0.11 | 2.83 | 1.48 | 37.59 | .68  | 17.27 | 1 7/16   |
| BA-16FP16   | 1         | 1            | 0.97    | 24.64 | 2.94 | 74.68 | 1.32 | 33.40 | 0.13 | 3.24 | 1.78 | 45.21 | 0.96 | 24.38 | 1 5/8    |

## Adaptor, Parflare



| Part Number | Parflare Size | Parbond Size | Orifice |       | A    |       | B    |       | C    |      | D    |       | E    |       | Hex Size |
|-------------|---------------|--------------|---------|-------|------|-------|------|-------|------|------|------|-------|------|-------|----------|
|             |               |              | inch    | mm    | inch | mm    | inch | mm    | inch | mm   | inch | mm    | inch | mm    |          |
| BA-4F4      | 1/4           | 1/4          | 0.13    | 3.30  | 2.05 | 52.07 | 0.56 | 14.22 | 0.09 | 2.16 | 0.56 | 14.22 | 1.16 | 29.46 | 11/16    |
| BA-4F8      | 1/4           | 1/2          | 0.13    | 3.30  | 3.28 | 83.31 | 0.84 | 21.44 | 0.10 | 2.54 | 1.68 | 42.67 | 1.16 | 29.46 | 15/16    |
| BA-4F12     | 1/4           | 3/4          | 0.13    | 3.30  | 3.28 | 83.31 | 1.05 | 26.67 | 0.11 | 2.79 | 1.77 | 44.96 | 1.16 | 29.46 | 1 3/16   |
| BA-6F4      | 3/8           | 1/4          | 0.25    | 6.35  | 1.98 | 50.29 | 0.54 | 13.79 | 0.08 | 1.91 | 0.56 | 14.22 | 1.24 | 31.50 | 13/16    |
| BA-6F8      | 3/8           | 1/2          | 0.25    | 6.35  | 3.26 | 82.80 | 0.84 | 21.41 | 0.10 | 2.54 | 1.80 | 45.72 | 1.24 | 31.50 | 15/16    |
| BA-6F12     | 3/8           | 3/4          | 0.25    | 6.35  | 3.30 | 83.82 | 1.06 | 26.80 | 0.12 | 2.92 | 1.77 | 44.96 | 1.24 | 31.50 | 1 3/16   |
| BA-8F4      | 1/2           | 1/4          | 0.38    | 9.65  | 2.20 | 55.88 | 0.55 | 13.97 | 0.10 | 2.41 | 0.56 | 14.22 | 1.34 | 34.04 | 15/16    |
| BA-8F8      | 1/2           | 1/2          | 0.38    | 9.65  | 3.40 | 86.36 | 0.84 | 21.41 | 0.10 | 2.64 | 1.80 | 45.72 | 1.34 | 34.04 | 15/16    |
| BA-8F12     | 1/2           | 3/4          | 0.38    | 9.65  | 3.34 | 84.84 | 1.06 | 26.80 | 0.11 | 2.79 | 1.77 | 44.96 | 1.34 | 34.04 | 1 3/16   |
| BA-8F16     | 1/2           | 1            | 0.38    | 9.65  | 3.36 | 85.34 | 1.32 | 33.53 | 0.13 | 3.30 | 1.78 | 45.21 | 1.34 | 34.04 | 1 7/16   |
| BA-12F8     | 3/4           | 1/2          | 0.63    | 16.00 | 3.55 | 90.17 | 0.85 | 21.49 | 0.11 | 2.67 | 1.80 | 45.72 | 1.46 | 37.08 | 1 3/16   |
| BA-12F12    | 3/4           | 3/4          | 0.63    | 16.00 | 3.55 | 90.17 | 1.05 | 26.67 | 0.11 | 2.79 | 1.77 | 44.96 | 1.46 | 37.08 | 1 3/16   |
| BA-12F16    | 3/4           | 1            | 0.63    | 16.00 | 3.55 | 90.17 | 1.32 | 33.40 | 0.14 | 3.43 | 1.78 | 45.21 | 1.46 | 37.08 | 1 7/16   |
| BA-16F12    | 1             | 3/4          | 0.88    | 22.35 | 3.79 | 96.27 | 1.06 | 26.80 | 0.11 | 2.79 | 1.77 | 44.96 | 1.76 | 44.70 | 1 7/16   |
| BA-16F16    | 1             | 1            | 0.88    | 22.35 | 3.79 | 96.27 | 1.32 | 33.40 | 0.13 | 3.24 | 1.77 | 44.96 | 1.76 | 44.70 | 1 7/16   |

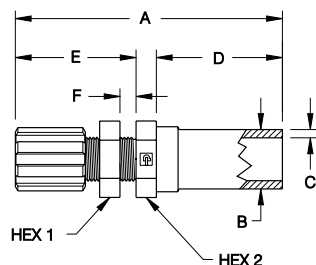
## Adaptor, Redi-flare



| Part Number | Redi-flare Size | Parbond Size | Orifice |       | A    |       | B    |       | C    |      | D    |       | E    |       | F    |       | Hex Size |
|-------------|-----------------|--------------|---------|-------|------|-------|------|-------|------|------|------|-------|------|-------|------|-------|----------|
|             |                 |              | inch    | mm    | inch | mm    | inch | mm    | inch | mm   | inch | mm    | inch | mm    | inch | mm    |          |
| BA-4RF4     | 1/4             | 1/4          | 0.13    | 3.30  | 2.04 | 51.82 | 0.55 | 13.89 | 0.08 | 2.03 | 0.56 | 14.22 | 1.16 | 29.46 | -    | -     | 11/16    |
| BA-6RF4     | 3/8             | 1/4          | 0.25    | 6.35  | 2.10 | 53.34 | 0.55 | 13.89 | 0.09 | 2.29 | 0.56 | 14.22 | 1.24 | 31.50 | -    | -     | 11/16    |
| BA-8RF8     | 1/2             | 1/2          | 0.38    | 9.65  | 3.42 | 86.87 | 0.84 | 21.39 | 0.10 | 2.59 | 1.80 | 45.72 | 1.37 | 34.80 | 1.17 | 29.72 | -        |
| BA-8RF12    | 1/2             | 3/4          | 0.38    | 9.65  | 3.11 | 78.99 | 1.05 | 26.67 | 0.11 | 2.87 | 1.77 | 44.96 | 1.37 | 34.80 | 1.41 | 35.81 | -        |
| BA-12RF8    | 3/4             | 1/2          | 0.63    | 16.00 | 3.74 | 95.00 | 0.84 | 21.34 | 0.10 | 2.54 | 1.80 | 45.72 | 1.46 | 37.08 | 1.17 | 29.72 | -        |
| BA-12RF12   | 3/4             | 3/4          | 0.63    | 16.00 | 3.35 | 85.09 | 1.05 | 26.67 | 0.11 | 2.79 | 1.48 | 37.59 | 1.46 | 37.08 | 1.41 | 35.81 | -        |
| BA-12RF16   | 3/4             | 1            | 0.63    | 16.00 | 3.61 | 91.69 | 1.31 | 33.27 | 0.13 | 3.30 | 1.78 | 45.21 | 1.46 | 37.08 | 1.42 | 36.07 | -        |
| BA-16RF12   | 1               | 3/4          | 0.88    | 22.35 | 3.96 | 100.6 | 1.05 | 26.67 | 0.11 | 2.78 | 1.77 | 44.96 | 1.76 | 44.70 | 1.39 | 35.31 | -        |
| BA-16RF16   | 1               | 1            | 0.88    | 22.35 | 3.85 | 97.79 | 1.31 | 33.27 | 0.13 | 3.18 | 1.78 | 45.21 | 1.76 | 44.70 | 1.41 | 35.81 | -        |

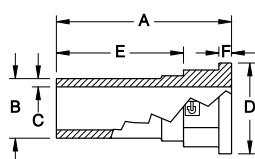
# Parbond PFA Fusible Pipe Fit-

## Adaptor, Parflare, Panel Mount



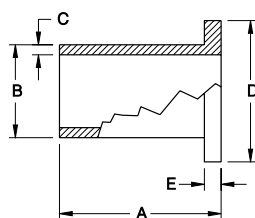
| Part Number | Redi-flare Size | Parbond Size | Orifice |       | A    |       | B    |       | C    |      | D    |       | E    |       | F    |       | Hole Size |       | Hex 1 Size | Hex 2 Size |
|-------------|-----------------|--------------|---------|-------|------|-------|------|-------|------|------|------|-------|------|-------|------|-------|-----------|-------|------------|------------|
|             |                 |              | inch    | mm    | inch | mm    | inch | mm    | inch | mm   | inch | mm    | inch | mm    | inch | mm    | inch      | mm    |            |            |
| BA-4F4-P    | 1/4             | 1/4          | 0.13    | 3.30  | 2.50 | 63.50 | 0.54 | 13.72 | 0.08 | 1.91 | 0.56 | 14.22 | 1.65 | 41.91 | 0.25 | 6.35  | 0.50      | 12.70 | 11/16      | 11/16      |
| BA-6F4-P    | 3/8             | 1/4          | 0.25    | 6.35  | 2.39 | 60.71 | 0.54 | 13.72 | 0.08 | 1.91 | 0.56 | 14.22 | 1.62 | 41.15 | 0.25 | 6.35  | 0.63      | 16.00 | 15/16      | 13/16      |
| BA-8F4-P    | 1/2             | 1/4          | 0.38    | 9.65  | 2.56 | 65.02 | 0.55 | 13.87 | 0.08 | 2.03 | 0.56 | 14.22 | 1.74 | 44.20 | 0.25 | 6.35  | 0.75      | 19.05 | 1 1/16     | 15/16      |
| BA-12F8-P   | 3/4             | 1/2          | 0.63    | 16.00 | 4.22 | 107.2 | 0.85 | 21.46 | 0.11 | 2.67 | 1.80 | 45.72 | 2.13 | 54.10 | 0.50 | 12.70 | 1.00      | 25.40 | 1 5/16     | 1 3/16     |

## Adaptor, Flange, Flat Face



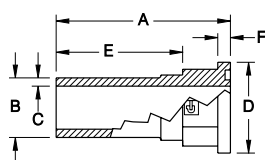
| Part Number | Parbond Size | A    |       | B    |       | C    |      | D    |       | E    |       | F    |      |
|-------------|--------------|------|-------|------|-------|------|------|------|-------|------|-------|------|------|
|             |              | inch | mm    | inch | mm    | inch | mm   | inch | mm    | inch | mm    | inch | mm   |
| BA-8FL-0    | 1/2          | 2.49 | 63.25 | 0.84 | 21.34 | 0.12 | 2.96 | 1.29 | 32.77 | 1.49 | 37.85 | 0.22 | 5.59 |
| BA-12FL-0   | 3/4          | 2.48 | 62.99 | 1.05 | 26.67 | 0.11 | 2.87 | 1.46 | 37.08 | 1.49 | 37.85 | 0.22 | 5.59 |

## Adaptor, Flange, Flat Face



| Part Number | Parbond Size | A    |       | B    |       | C    |      | D    |       | E    |      |
|-------------|--------------|------|-------|------|-------|------|------|------|-------|------|------|
|             |              | inch | mm    | inch | mm    | inch | mm   | inch | mm    | inch | mm   |
| BA-16FL-0   | 1            | 2.28 | 57.91 | 1.32 | 33.53 | 0.14 | 3.56 | 2.00 | 50.80 | 0.24 | 6.10 |
| BA-32FL-0   | 2            | 2.37 | 60.20 | 2.40 | 60.96 | 0.17 | 4.41 | 3.47 | 88.14 | 0.25 | 6.35 |

## Adaptor, Flange, O-Ring Face



| Part Number | Parbond Size | A    |       | B    |       | C    |      | D    |       | E    |       | F    |      |
|-------------|--------------|------|-------|------|-------|------|------|------|-------|------|-------|------|------|
|             |              | inch | mm    | inch | mm    | inch | mm   | inch | mm    | inch | mm    | inch | mm   |
| BA-8FL-1    | 1/2          | 2.48 | 62.99 | 0.85 | 21.49 | 0.11 | 2.68 | 1.28 | 32.51 | 1.49 | 37.85 | 0.18 | 4.57 |

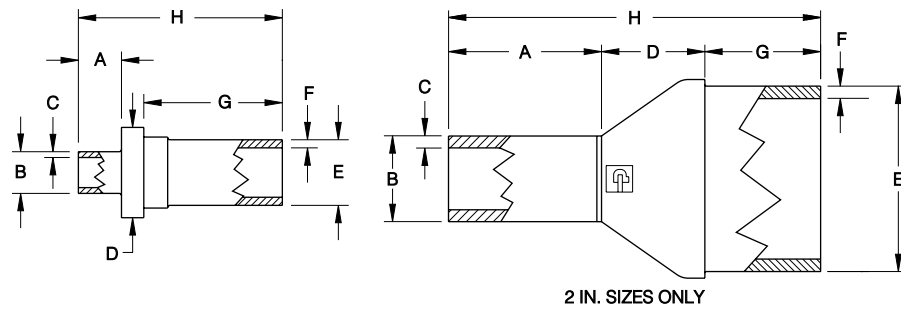
## O-Ring, PFA Encapsulated Viton



| Part Number | Parbond Size | A     |       | B    |      |
|-------------|--------------|-------|-------|------|------|
|             |              | inch  | mm    | inch | mm   |
| 2000-0118EV | 1/2          | 1.068 | 27.13 | .103 | 2.62 |

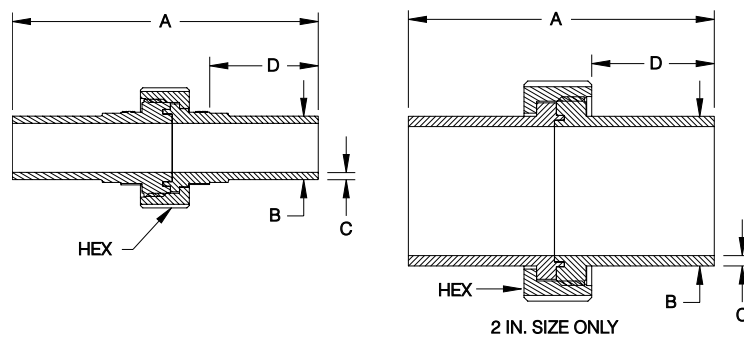
# Parbond PFA Fusible Pipe Fit-

## Reducer



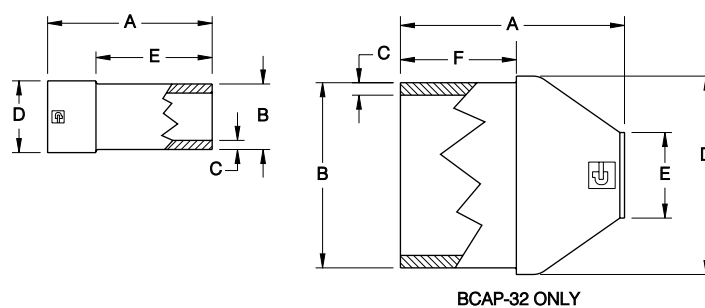
| Part Number | Parbond Size | A    |       | B    |       | C    |      | D    |       | E    |       | F    |      | G    |       | H    |       |
|-------------|--------------|------|-------|------|-------|------|------|------|-------|------|-------|------|------|------|-------|------|-------|
|             |              | inch | mm    | inch | mm    | inch | mm   | inch | mm    | inch | mm    | inch | mm   | inch | mm    | inch | mm    |
| BR-84       | 1/2 X 1/4    | 0.56 | 14.22 | 0.54 | 13.72 | 0.08 | 1.91 | 0.93 | 23.62 | 0.85 | 21.59 | 0.11 | 2.79 | 1.80 | 45.72 | 2.64 | 67.06 |
| BR-128      | 3/4 X 1/2    | 1.49 | 38.10 | 0.84 | 21.34 | 0.10 | 2.54 | 1.16 | 29.46 | 1.05 | 26.67 | 0.11 | 2.67 | 1.49 | 37.85 | 3.58 | 90.93 |
| BR-168      | 1 X 1/2      | 1.49 | 37.85 | 0.84 | 21.41 | 0.10 | 2.60 | 1.41 | 35.81 | 1.32 | 33.40 | 0.13 | 3.24 | 1.78 | 45.21 | 3.57 | 90.68 |
| BR-1612     | 1 X 3/4      | 1.49 | 37.59 | 1.05 | 26.67 | 0.11 | 2.79 | 1.41 | 35.81 | 1.32 | 33.53 | 0.14 | 3.43 | 1.78 | 45.21 | 3.57 | 90.68 |
| BR-328      | 2 X 1/2      | 1.50 | 38.10 | 0.84 | 21.34 | 0.11 | 2.79 | 2.55 | 64.77 | 2.38 | 60.45 | 0.16 | 4.06 | 1.50 | 38.10 | 4.38 | 111.3 |
| BR-3212     | 2 X 3/4      | 1.50 | 37.59 | 1.05 | 26.67 | 0.12 | 3.05 | 2.55 | 64.77 | 2.39 | 60.71 | 0.16 | 4.06 | 1.50 | 38.10 | 4.37 | 111.0 |
| BR-3216     | 2 X 1        | 1.50 | 37.59 | 1.32 | 33.53 | 0.14 | 3.56 | 2.54 | 64.52 | 2.38 | 60.45 | 0.16 | 4.06 | 1.50 | 38.10 | 4.38 | 111.3 |

## Union



| Part Number | Parbond Size | A    |        | B    |       | C    |      | D    |       | Hex Size |
|-------------|--------------|------|--------|------|-------|------|------|------|-------|----------|
|             |              | inch | mm     | inch | mm    | inch | mm   | inch | mm    |          |
| BU-4        | 1/4          | 2.49 | 63.25  | 0.54 | 13.79 | 0.08 | 2.01 | 0.76 | 19.30 | 1 1/4    |
| BU-8        | 1/2          | 5.07 | 128.78 | 0.85 | 21.46 | 0.11 | 2.69 | 1.80 | 45.72 | 1 5/8    |
| BU-12       | 3/4          | 5.07 | 128.78 | 1.05 | 26.75 | 0.11 | 2.86 | 1.80 | 45.72 | 1 7/8    |
| BU-16       | 1            | 5.62 | 142.75 | 1.32 | 33.53 | 0.13 | 3.31 | 1.50 | 38.10 | 2 7/8    |

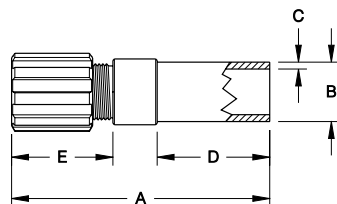
## Cap



| Part Number | Parbond Size | A    |       | B    |       | C    |      | D    |       | E    |       | F    |       |
|-------------|--------------|------|-------|------|-------|------|------|------|-------|------|-------|------|-------|
|             |              | inch | mm    | inch | mm    | inch | mm   | inch | mm    | inch | mm    | inch | mm    |
| BCAP-4      | 1/4          | 0.84 | 21.34 | 0.54 | 13.82 | 0.08 | 2.02 | 0.62 | 15.75 | 0.55 | 13.97 | N/A  | N/A   |
| BCAP-8      | 1/2          | 2.09 | 53.09 | 0.84 | 21.41 | 0.11 | 2.67 | 0.91 | 23.11 | 1.49 | 37.85 | N/A  | N/A   |
| BCAP-12     | 3/4          | 2.08 | 52.83 | 1.05 | 26.67 | 0.11 | 2.79 | 1.16 | 29.46 | 1.49 | 37.85 | N/A  | N/A   |
| BCAP-16     | 1            | 2.06 | 52.32 | 1.32 | 33.40 | 0.13 | 3.24 | 1.42 | 36.07 | 1.48 | 37.59 | N/A  | N/A   |
| BCAP-32     | 2            | 2.88 | 73.15 | 2.38 | 60.45 | 0.16 | 4.06 | 2.55 | 64.77 | 1.10 | 27.94 | 1.49 | 37.85 |

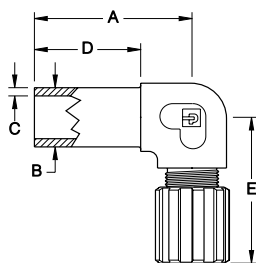
# Parbond PFA Fusible Pipe Fit-

## Adaptor, Parflare, PVDF Transition



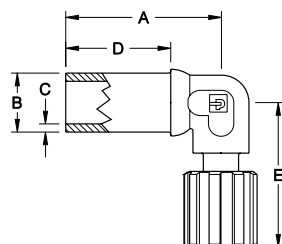
| Part Number     | Parflare Size | Parbond Size | Orifice |       | A    |       | B    |       | C    |      | D    |       | E    |       |
|-----------------|---------------|--------------|---------|-------|------|-------|------|-------|------|------|------|-------|------|-------|
|                 |               |              | inch    | mm    | inch | mm    | inch | mm    | inch | mm   | inch | mm    | inch | mm    |
| BA-4F20MM-PVDF  | 1/4           | 20 mm        | 0.13    | 3.30  | 3.38 | 85.85 | 0.79 | 20.07 | 0.08 | 1.91 | 1.49 | 37.85 | 1.24 | 31.50 |
| BA-4F25MM-PVDF  | 1/4           | 25 mm        | 0.13    | 3.30  | 3.40 | 86.36 | 0.99 | 25.15 | 0.08 | 1.91 | 1.49 | 37.85 | 1.24 | 31.50 |
| BA-6F20MM-PVDF  | 3/8           | 20 mm        | 0.25    | 6.35  | 3.40 | 86.36 | 0.79 | 20.07 | 0.08 | 1.91 | 1.49 | 37.85 | 1.26 | 32.00 |
| BA-6F25MM-PVDF  | 3/8           | 25 mm        | 0.25    | 6.35  | 3.40 | 86.36 | 0.98 | 24.89 | 0.07 | 1.78 | 1.49 | 37.85 | 1.26 | 32.00 |
| BA-8F20MM-PVDF  | 1/2           | 20 mm        | 0.38    | 9.65  | 3.49 | 88.65 | 0.79 | 20.07 | 0.08 | 1.91 | 1.49 | 37.85 | 1.35 | 34.29 |
| BA-8F25MM-PVDF  | 1/2           | 25 mm        | 0.38    | 9.65  | 3.51 | 89.15 | 0.98 | 24.89 | 0.07 | 1.78 | 1.49 | 37.85 | 1.35 | 34.29 |
| BA-8F32MM-PVDF  | 1/2           | 32 mm        | 0.38    | 9.65  | 3.53 | 89.66 | 1.26 | 32.00 | 0.10 | 2.41 | 1.49 | 37.85 | 1.40 | 35.56 |
| BA-12F20MM-PVDF | 3/4           | 20 mm        | 0.63    | 16.00 | 3.67 | 93.22 | 0.79 | 20.07 | 0.08 | 1.91 | 1.49 | 37.85 | 1.50 | 38.10 |
| BA-12F25MM-PVDF | 3/4           | 25 mm        | 0.63    | 16.00 | 3.68 | 93.47 | 0.98 | 24.89 | 0.07 | 1.78 | 1.49 | 37.85 | 1.53 | 38.86 |
| BA-12F32MM-PVDF | 3/4           | 32 mm        | 0.63    | 16.00 | 3.66 | 92.96 | 1.26 | 32.00 | 0.10 | 2.41 | 1.49 | 37.85 | 1.53 | 38.86 |
| BA-12F40MM-PVDF | 3/4           | 40 mm        | 0.63    | 16.00 | 3.68 | 93.47 | 1.58 | 40.13 | 0.10 | 2.41 | 1.49 | 37.85 | 1.54 | 39.12 |
| BA-16F25MM-PVDF | 1             | 25 mm        | 0.88    | 22.35 | 3.88 | 98.55 | 0.98 | 24.89 | 0.07 | 1.78 | 1.49 | 37.85 | 1.72 | 43.69 |
| BA-16F32MM-PVDF | 1             | 32 mm        | 0.88    | 22.35 | 3.86 | 98.04 | 1.26 | 32.00 | 0.10 | 2.41 | 1.49 | 37.85 | 1.73 | 43.94 |
| BA-16F40MM-PVDF | 1             | 40 mm        | 0.88    | 22.35 | 3.86 | 98.04 | 1.57 | 39.88 | 0.09 | 2.29 | 1.49 | 37.85 | 1.73 | 43.94 |

## Elbow Connector, Parflare



| Part Number | Parflare Size | Parbond Size | Orifice |       | A    |       | B    |       | C    |      | D    |       | E    |       |
|-------------|---------------|--------------|---------|-------|------|-------|------|-------|------|------|------|-------|------|-------|
|             |               |              | inch    | mm    | inch | mm    | inch | mm    | inch | mm   | inch | mm    | inch | mm    |
| BE-4F4      | 1/4           | 1/4          | 0.13    | 3.30  | 1.08 | 27.43 | 0.54 | 13.72 | 0.08 | 1.97 | 0.56 | 14.22 | 1.69 | 42.93 |
| BE-6F4      | 3/8           | 1/4          | 0.25    | 6.35  | 1.09 | 27.69 | 0.55 | 13.97 | 0.09 | 2.29 | 0.56 | 14.22 | 1.84 | 46.74 |
| BE-8F8      | 1/2           | 1/2          | 0.38    | 9.65  | 2.21 | 56.13 | 0.84 | 21.34 | 0.10 | 2.59 | 1.49 | 37.85 | 2.09 | 53.09 |
| BE-8F12     | 1/2           | 3/4          | 0.38    | 9.65  | 2.19 | 55.63 | 1.05 | 26.67 | 0.11 | 2.79 | 1.48 | 37.59 | 2.03 | 51.56 |
| BE-12F8     | 3/4           | 1/2          | 0.63    | 16.00 | 2.21 | 56.13 | 0.84 | 21.34 | 0.12 | 3.05 | 1.48 | 37.59 | 2.03 | 51.56 |
| BE-12F12    | 3/4           | 3/4          | 0.63    | 16.00 | 2.20 | 55.88 | 1.05 | 26.67 | 0.11 | 2.79 | 1.48 | 37.59 | 2.12 | 53.85 |
| BE-16F16    | 1             | 1            | 0.88    | 22.35 | 2.45 | 62.23 | 1.32 | 33.53 | 0.14 | 3.56 | 1.48 | 37.59 | 2.12 | 53.85 |

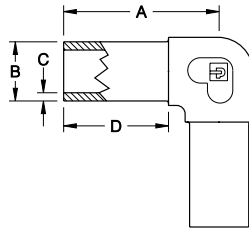
## Elbow Connector, Redi-flare



| Part Number | Redi-flare Size | Parbond Size | Orifice |       | A    |       | B    |       | C    |      | D    |       | E    |       |
|-------------|-----------------|--------------|---------|-------|------|-------|------|-------|------|------|------|-------|------|-------|
|             |                 |              | inch    | mm    | inch | mm    | inch | mm    | inch | mm   | inch | mm    | inch | mm    |
| BE-88RF     | 1/2             | 1/2          | 0.38    | 9.65  | 2.21 | 56.13 | 0.84 | 21.34 | 0.11 | 2.67 | 1.49 | 37.85 | 2.03 | 51.56 |
| BE-1212RF   | 3/4             | 3/4          | 0.63    | 16.00 | 2.35 | 59.69 | 1.05 | 26.67 | 0.12 | 3.05 | 1.50 | 38.10 | 2.42 | 61.47 |
| BE-1612RF   | 3/4             | 1            | 0.63    | 16.00 | 2.45 | 62.23 | 1.32 | 33.53 | 0.14 | 3.56 | 1.50 | 38.10 | 2.53 | 64.26 |

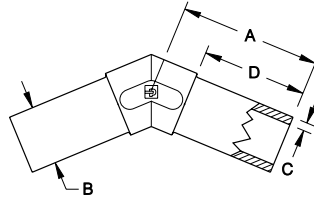
# Parbond PFA Fusible Pipe Fit-

## Elbow Connector, 90°



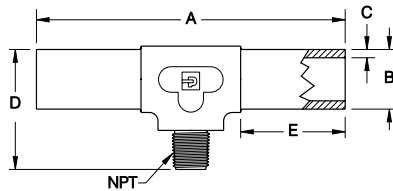
| Part Number | Parbond Size | A    |       | B    |       | C    |      | D    |       |
|-------------|--------------|------|-------|------|-------|------|------|------|-------|
|             |              | inch | mm    | inch | mm    | inch | mm   | inch | mm    |
| BE-4        | 1/4          | 1.09 | 27.69 | 0.55 | 13.87 | 0.08 | 2.08 | 0.57 | 14.48 |
| BE-8        | 1/2          | 2.19 | 55.63 | 0.84 | 21.41 | 0.11 | 2.67 | 1.48 | 37.59 |
| BE-12       | 3/4          | 2.36 | 59.94 | 1.06 | 26.90 | 0.11 | 2.86 | 1.49 | 37.85 |
| BE-16       | 1            | 2.45 | 62.23 | 1.32 | 33.45 | 0.13 | 3.30 | 1.49 | 37.85 |
| BE-32       | 2            | 3.29 | 83.57 | 2.39 | 60.66 | 0.16 | 4.04 | 1.50 | 38.10 |

## Elbow Connector, 45°



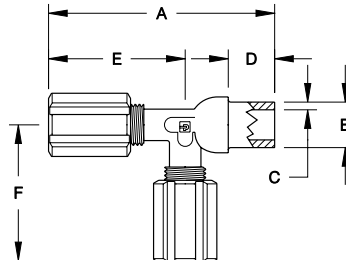
| Part Number | Parbond Size | A    |       | B    |       | C    |      | D    |       |
|-------------|--------------|------|-------|------|-------|------|------|------|-------|
|             |              | inch | mm    | inch | mm    | inch | mm   | inch | mm    |
| BE-445      | 1/4          | 0.94 | 23.88 | 0.54 | 13.77 | 0.08 | 1.98 | 0.69 | 17.53 |
| BE-845      | 1/2          | 2.00 | 50.80 | 0.85 | 21.49 | 0.11 | 2.68 | 1.50 | 38.10 |
| BE-1245     | 3/4          | 1.98 | 50.29 | 1.05 | 26.75 | 0.11 | 2.77 | 1.49 | 37.85 |
| BE-1645     | 1            | 1.94 | 49.28 | 1.32 | 33.58 | 0.13 | 3.40 | 1.48 | 37.59 |
| BE-3245     | 2            | 2.49 | 63.25 | 2.39 | 60.81 | 0.17 | 4.25 | 1.48 | 37.59 |

## Tee Connector, Male Pipe



| Part Number | MNPT Size | Parbond Size | Orifice |      | A    |        | B    |       | C    |      | D    |       | E    |       |
|-------------|-----------|--------------|---------|------|------|--------|------|-------|------|------|------|-------|------|-------|
|             |           |              | inch    | mm   | inch | mm     | inch | mm    | inch | mm   | inch | mm    | inch | mm    |
| BT-884MP    | 1/4       | 1/2          | 0.29    | 7.37 | 4.44 | 112.78 | 0.85 | 21.54 | 0.11 | 2.74 | 1.27 | 32.26 | 1.50 | 38.10 |

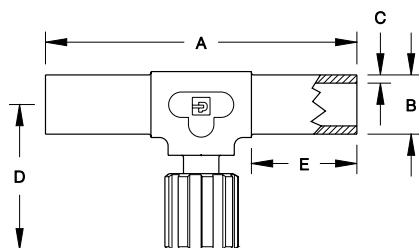
## Tee Connector, Parflare



| Part Number | Parflare Size | Parbond Size | Orifice |      | A    |       | B    |       | C    |      | D    |       | E    |       | F    |       |
|-------------|---------------|--------------|---------|------|------|-------|------|-------|------|------|------|-------|------|-------|------|-------|
|             |               |              | inch    | mm   | inch | mm    | inch | mm    | inch | mm   | inch | mm    | inch | mm    | inch | mm    |
| BT-4F44F    | 1/4           | 1/4          | 0.13    | 3.30 | 2.82 | 71.63 | 0.55 | 13.97 | 0.08 | 2.11 | 0.56 | 14.22 | 1.70 | 43.18 | 1.72 | 43.69 |

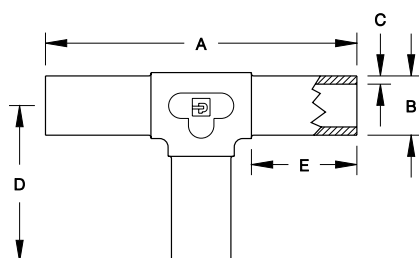
# Parbond PFA Fusible Pipe Fit-

## Tee Connector, Redi-flare



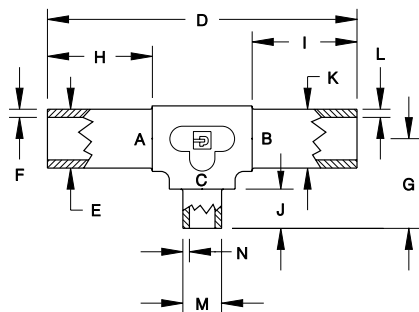
| Part Number | Parflare Size | Parbond Size | Orifice |       | A    |        | B    |       | C    |      | D    |       | E    |       |
|-------------|---------------|--------------|---------|-------|------|--------|------|-------|------|------|------|-------|------|-------|
|             |               |              | inch    | mm    | inch | mm     | inch | mm    | inch | mm   | inch | mm    | inch | mm    |
| BT-888RF    | 1/2           | 1/2          | 0.25    | 6.35  | 4.41 | 112.01 | 0.84 | 21.34 | 0.11 | 2.67 | 2.00 | 50.80 | 1.50 | 38.10 |
| BT-121212RF | 3/4           | 3/4          | 0.63    | 16.00 | 4.67 | 118.62 | 1.05 | 26.67 | 0.11 | 2.79 | 2.20 | 55.88 | 1.49 | 37.85 |

## Tee Connector



| Part Number | Parbond Size | A    |        | B    |       | C    |      | D    |       | E    |       |
|-------------|--------------|------|--------|------|-------|------|------|------|-------|------|-------|
|             |              | inch | mm     | inch | mm    | inch | mm   | inch | mm    | inch | mm    |
| BT-4        | 1/4          | 2.17 | 55.12  | 0.55 | 13.97 | 0.08 | 2.11 | 1.10 | 27.94 | 0.56 | 14.22 |
| BT-8        | 1/2          | 4.39 | 111.51 | 0.84 | 21.41 | 0.11 | 2.68 | 2.18 | 55.37 | 1.49 | 37.85 |
| BT-12       | 3/4          | 4.69 | 119.13 | 1.06 | 26.92 | 0.11 | 2.86 | 2.34 | 59.44 | 1.50 | 38.10 |
| BT-16       | 1            | 4.87 | 123.70 | 1.31 | 33.15 | 0.12 | 2.98 | 2.43 | 61.72 | 1.48 | 37.59 |
| BT-32       | 2            | 6.58 | 167.13 | 2.39 | 60.58 | 0.16 | 3.99 | 3.29 | 83.57 | 1.50 | 38.10 |

## Tee Connector Reducer



| Part Number | A            | B   | C   | D    |      | E    |      | F    |     | G    |      | H    |      | I    |      | J    |      | K    |      | L    |     | M    |      | N    |     |
|-------------|--------------|-----|-----|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|-----|
|             | Parbond Size |     |     | inch | mm   | inch | mm   | inch | mm  | inch | mm   | inch | mm   | inch | mm   | inch | mm   | inch | mm   | inch | mm  | inch | mm   | inch | mm  |
| BTR-848     | 1/2          | 1/4 | 1/2 | 3.47 | 88.1 | 0.84 | 21.3 | 0.10 | 2.6 | 2.19 | 55.6 | 1.49 | 37.8 | 0.56 | 14.2 | 1.49 | 37.8 | 0.56 | 14.2 | 0.09 | 2.3 | 0.84 | 21.3 | 0.10 | 2.5 |
| BTR-884     | 1/2          | 1/2 | 1/4 | 4.42 | 112  | 0.84 | 21.3 | 0.12 | 3.0 | 1.28 | 32.5 | 1.49 | 37.8 | 1.49 | 37.8 | 0.56 | 14.2 | 0.84 | 21.3 | 0.10 | 2.5 | 0.56 | 14.2 | 0.09 | 2.3 |
| BTR-12412   | 3/4          | 1/4 | 3/4 | 3.75 | 95.3 | 1.05 | 26.7 | 0.11 | 2.8 | 2.34 | 59.4 | 1.50 | 38.1 | 0.56 | 14.2 | 1.50 | 38.1 | 0.56 | 14.2 | 0.10 | 2.5 | 1.05 | 26.7 | 0.11 | 2.8 |
| BTR-12812   | 3/4          | 1/2 | 3/4 | 4.67 | 119  | 1.05 | 26.7 | 0.12 | 3.0 | 2.34 | 59.4 | 1.50 | 38.1 | 1.49 | 37.8 | 1.50 | 38.1 | 0.84 | 21.3 | 0.10 | 2.5 | 1.05 | 26.7 | 0.11 | 2.8 |
| BTR-12124   | 3/4          | 3/4 | 1/4 | 4.70 | 119  | 1.05 | 26.7 | 0.11 | 2.8 | 1.42 | 36.1 | 1.50 | 38.1 | 1.50 | 38.1 | 0.56 | 14.2 | 1.05 | 26.7 | 0.11 | 2.8 | 0.56 | 14.2 | 0.09 | 2.3 |
| BTR-12128   | 3/4          | 3/4 | 1/2 | 4.66 | 118  | 1.05 | 26.7 | 0.11 | 2.8 | 2.33 | 59.2 | 1.50 | 38.1 | 1.50 | 38.1 | 1.49 | 37.8 | 1.05 | 26.7 | 0.11 | 2.8 | 0.84 | 21.3 | 0.10 | 2.5 |
| BTR-121216  | 3/4          | 3/4 | 1   | 4.90 | 124  | 1.05 | 26.7 | 0.11 | 2.8 | 2.47 | 62.7 | 1.50 | 38.1 | 1.50 | 38.1 | 1.50 | 38.1 | 1.05 | 26.7 | 0.11 | 2.8 | 1.32 | 33.5 | 0.14 | 3.6 |
| BTR-16164   | 1            | 1   | 1/4 | 4.88 | 124  | 1.32 | 33.5 | 0.13 | 3.4 | 1.53 | 38.9 | 1.50 | 38.1 | 1.50 | 38.1 | 0.56 | 14.2 | 1.32 | 33.5 | 0.14 | 3.6 | 0.56 | 14.2 | 0.09 | 2.3 |
| BTR-16168   | 1            | 1   | 1/2 | 4.91 | 124  | 1.32 | 33.5 | 0.14 | 3.6 | 2.46 | 62.5 | 1.50 | 38.1 | 1.50 | 38.1 | 1.49 | 37.8 | 1.32 | 33.5 | 0.14 | 3.6 | 0.84 | 21.3 | 0.10 | 2.5 |