

# Redflex® Rubber Fittings

- ▶ Withstands abrasion
- ▶ Connects misaligned piping
- ▶ Smooth port provides unrestricted flow
- ▶ Reduces noise and vibration
- ▶ Noncorrosive

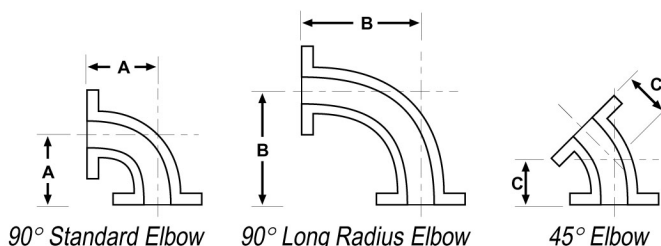
## Materials of Construction

### ▶ ELASTOMERS

Pure Gum Rubber, Neoprene, Hypalon®, Chlorobutyl, Buna-N, EPDM, and Viton®

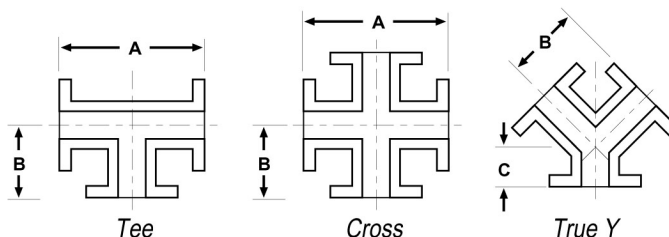
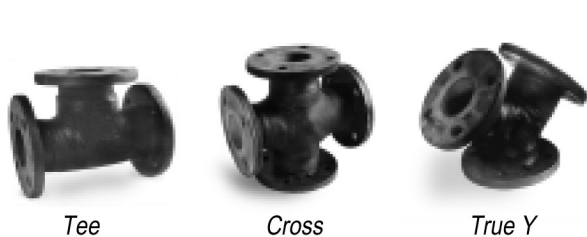
Redflex® Rubber Fittings are strong, durable, and flexible. They reduce noise and vibration from pumps, compressors, and other equipment, and allow for minor misalignment where abrasion or corrosion will damage normal piping.

Standard construction is a rubber tube with cotton duck reinforcement and a synthetic cover for use with maximum continuing temperatures up to 180°F. For extra strength, spiralled steel wires are embedded in the body of the elbow from flange to flange. Redflex® Rubber Fittings have a 50 psi working pressure standard, maximum of 75 psi, and can withstand 10" Hg vacuum. Can be manufactured with full vacuum upon request.



## Dimensions and Movement Redflex® Elbows

| Size I.D. | Flange Thickness | Flange O.D. | Center to Flange A<br>90° Elbow | Center to Flange B<br>90° Long Rad. | Center to Flange C<br>45° Elbow | Allowable Movement |          |            |
|-----------|------------------|-------------|---------------------------------|-------------------------------------|---------------------------------|--------------------|----------|------------|
|           |                  |             |                                 |                                     |                                 | Extend             | Compress | Deflection |
| 2"        | 5/8"             | 6"          | 4-1/2"                          | 6-1/2"                              | 2-1/2"                          | 1/2"               | 1/2"     | 1/2"       |
| 2-1/2"    | 5/8"             | 7"          | 5"                              | 7"                                  | 3"                              | 1/2"               | 1/2"     | 1/2"       |
| 3"        | 3/4"             | 7-1/2"      | 5-1/2"                          | 7-3/4"                              | 3"                              | 1/2"               | 1/2"     | 1/2"       |
| 4"        | 3/4"             | 9"          | 6-1/2"                          | 9"                                  | 4"                              | 1/2"               | 1/2"     | 1/2"       |
| 5"        | 3/4"             | 10"         | 7-1/2"                          | 10-1/4"                             | 4-1/2"                          | 3/4"               | 3/4"     | 3/4"       |
| 6"        | 3/4"             | 11"         | 8"                              | 11-1/2"                             | 5"                              | 3/4"               | 3/4"     | 3/4"       |
| 8"        | 3/4"             | 13-1/2"     | 9"                              | 14"                                 | 5-1/2"                          | 3/4"               | 3/4"     | 3/4"       |
| 10"       | 3/4"             | 16"         | 11"                             | 16-1/2"                             | 6-1/2"                          | 3/4"               | 3/4"     | 3/4"       |
| 12"       | 3/4"             | 19"         | 12"                             | 19"                                 | 7-1/2"                          | 3/4"               | 3/4"     | 3/4"       |
| 14"       | 3/4"             | 21"         | 14"                             | 22-1/2"                             | 7-1/2"                          | 3/4"               | 3/4"     | 3/4"       |



## Dimensions and Movement Redflex® Fittings

| Size I.D. | Flange Thickness | Flange O.D. | A   | B      | C      | Allowable Movement |          |            |
|-----------|------------------|-------------|-----|--------|--------|--------------------|----------|------------|
|           |                  |             |     |        |        | Extend             | Compress | Deflection |
| 2"        | 5/8"             | 6"          | 9"  | 4-1/2" | 2-1/2" | 1/2"               | 1/2"     | 1/2"       |
| 2-1/2"    | 5/8"             | 7"          | 10" | 5"     | 2-1/2" | 1/2"               | 1/2"     | 1/2"       |
| 3"        | 3/4"             | 7-1/2"      | 11" | 5-1/2" | 3"     | 1/2"               | 1/2"     | 1/2"       |
| 4"        | 3/4"             | 9"          | 13" | 6-1/2" | 3"     | 1/2"               | 1/2"     | 1/2"       |
| 5"        | 3/4"             | 10"         | 15" | 7-1/2" | 3-1/2" | 3/4"               | 3/4"     | 3/4"       |
| 6"        | 3/4"             | 11"         | 16" | 8"     | 3-1/2" | 3/4"               | 3/4"     | 3/4"       |
| 8"        | 3/4"             | 13-1/2"     | 18" | 9"     | 4-1/2" | 3/4"               | 3/4"     | 3/4"       |
| 10"       | 3/4"             | 16"         | 22" | 11"    | 5"     | 3/4"               | 3/4"     | 3/4"       |
| 12"       | 3/4"             | 19"         | 24" | 12"    | 5-1/2" | 3/4"               | 3/4"     | 3/4"       |
| 14"       | 3/4"             | 21"         | 28" | 14"    | 6"     | 3/4"               | 3/4"     | 3/4"       |