

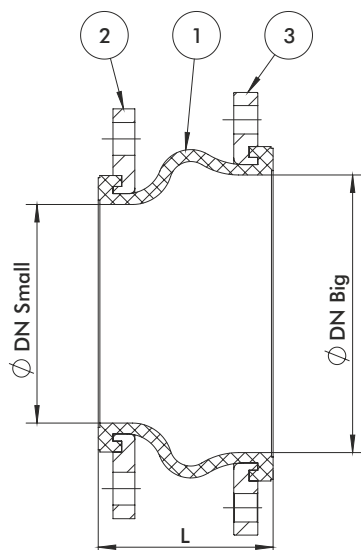
# Easyflex



## Reducer Rubber Joints

Vv VibraSystems

Concentric reducing rubber joints, also known as shock absorbers, expansion joints, pipeline shock absorbers, shock absorbers, and soft joints, are flexible couplings for metal pipelines. They are composed of a rubber ball with an inner rubber layer, nylon cord fabric reinforcement, an outer rubber layer composite, and a loose metal flange.



### Material List

| No | Name                   | Material                 |
|----|------------------------|--------------------------|
| 1  | Rubber Expansion Joint | EPDM/NBR/NEO             |
| 2  | Flange Small           | Carbon Steel/SS304/SS316 |
| 3  | Flange Big             | Carbon Steel/SS304/SS316 |

| Size<br>DN Big x DN Small | L<br>(inch) | Axial Movement<br>(inches) |             | Lateral<br>Movement<br>(inch) | Angular<br>Movement<br>(Degree) | Size<br>DN Big x DN Small | L<br>(inch) | Axial Movement<br>(inches) |             | Lateral<br>Movement<br>(inch) | Angular<br>Movement<br>(Degree) |
|---------------------------|-------------|----------------------------|-------------|-------------------------------|---------------------------------|---------------------------|-------------|----------------------------|-------------|-------------------------------|---------------------------------|
|                           |             | Extension                  | Compression |                               |                                 |                           |             | Extension                  | Compression |                               |                                 |
| 1.25"x1"                  | 4.53        | 0.79                       | 1.18        | 1.18                          | 15                              | 10"x4"                    | 8.66        | 0.87                       | 1.38        | 1.38                          | 15                              |
| 1.5"x1"                   |             | 0.79                       | 1.18        | 1.18                          | 15                              | 10"x5"                    |             | 0.87                       | 1.38        | 1.38                          | 15                              |
| 1.5"x1.25"                |             | 0.79                       | 1.18        | 1.18                          | 15                              | 10"x6"                    |             | 0.87                       | 1.38        | 1.38                          | 15                              |
| 2"x1"                     | 7.08        | 0.79                       | 1.18        | 1.18                          | 15                              | 10"x8"                    |             | 0.87                       | 1.38        | 1.38                          | 15                              |
| 2"x1.25"                  |             | 0.79                       | 1.18        | 1.18                          | 15                              | 12"x5"                    |             | 0.87                       | 1.38        | 1.38                          | 15                              |
| 2"x1.5"                   |             | 0.79                       | 1.18        | 1.18                          | 15                              | 12"x6"                    |             | 0.87                       | 1.38        | 1.38                          | 15                              |
| 2.5"x1.25"                |             | 0.79                       | 1.18        | 1.18                          | 15                              | 12"x8"                    |             | 0.87                       | 1.38        | 1.38                          | 15                              |
| 2.5"x1.5"                 |             | 0.79                       | 1.18        | 1.18                          | 15                              | 12"x10"                   |             | 0.87                       | 1.38        | 1.38                          | 15                              |
| 2.5"x2"                   |             | 0.79                       | 1.18        | 1.18                          | 15                              | 14"x6"                    | 9.45        | 0.87                       | 1.38        | 1.38                          | 15                              |
| 3"x1.5"                   | 7.87        | 0.79                       | 1.18        | 1.18                          | 15                              | 14"x8"                    |             | 0.87                       | 1.38        | 1.38                          | 15                              |
| 3"x2"                     |             | 0.79                       | 1.18        | 1.18                          | 15                              | 14"x10"                   |             | 0.87                       | 1.38        | 1.38                          | 15                              |
| 3"x2.5"                   |             | 0.79                       | 1.18        | 1.18                          | 15                              | 14"x12"                   |             | 0.87                       | 1.38        | 1.38                          | 15                              |
| 4"x1.5"                   |             | 0.79                       | 1.18        | 1.18                          | 15                              | 16"x8"                    |             | 0.98                       | 1.50        | 1.50                          | 15                              |
| 4"x2"                     |             | 0.79                       | 1.18        | 1.18                          | 15                              | 16"x10"                   |             | 0.98                       | 1.50        | 1.50                          | 15                              |
| 4"x2.5"                   | 7.87        | 0.79                       | 1.18        | 1.18                          | 15                              | 16"x12"                   |             | 0.98                       | 1.50        | 1.50                          | 15                              |
| 4"x3"                     |             | 0.79                       | 1.18        | 1.18                          | 15                              | 16"x14"                   |             | 0.98                       | 1.50        | 1.50                          | 15                              |
| 5"x2"                     |             | 0.79                       | 1.18        | 1.18                          | 15                              | 18"x10"                   |             | 0.98                       | 1.50        | 1.50                          | 15                              |
| 5"x2.5"                   |             | 0.79                       | 1.18        | 1.18                          | 15                              | 18"x12"                   |             | 0.98                       | 1.50        | 1.50                          | 15                              |
| 5"x3"                     |             | 0.79                       | 0.87        | 0.87                          | 15                              | 18"x14"                   |             | 0.98                       | 1.50        | 1.50                          | 15                              |
| 5"x4"                     |             | 0.79                       | 0.87        | 0.87                          | 15                              | 18"x16"                   |             | 0.98                       | 1.50        | 1.50                          | 15                              |
| 6"x2.5"                   | 7.87        | 0.79                       | 0.87        | 0.87                          | 15                              | 20"x10"                   |             | 0.98                       | 1.50        | 1.50                          | 15                              |
| 6"x3"                     |             | 0.79                       | 0.87        | 0.87                          | 15                              | 20"x12"                   |             | 0.98                       | 1.50        | 1.50                          | 15                              |
| 6"x4"                     |             | 0.79                       | 0.87        | 0.87                          | 15                              | 20"x14"                   |             | 0.98                       | 1.50        | 1.50                          | 15                              |
| 6"x5"                     |             | 0.79                       | 0.87        | 0.87                          | 15                              | 20"x16"                   |             | 0.98                       | 1.50        | 1.50                          | 15                              |
| 8"x3"                     |             | 0.87                       | 1.18        | 1.18                          | 15                              | 500X450                   |             | 0.98                       | 1.50        | 1.50                          | 15                              |
| 8"x4"                     |             | 0.87                       | 1.18        | 1.18                          | 15                              | 500X450                   |             | 0.98                       | 1.50        | 1.50                          | 15                              |
| 8"x5"                     | 7.87        | 0.87                       | 1.18        | 1.18                          | 15                              | 500X450                   |             | 0.98                       | 1.50        | 1.50                          | 15                              |
| 8"x6"                     |             | 0.87                       | 1.18        | 1.18                          | 15                              | 500X450                   |             | 0.98                       | 1.50        | 1.50                          | 15                              |