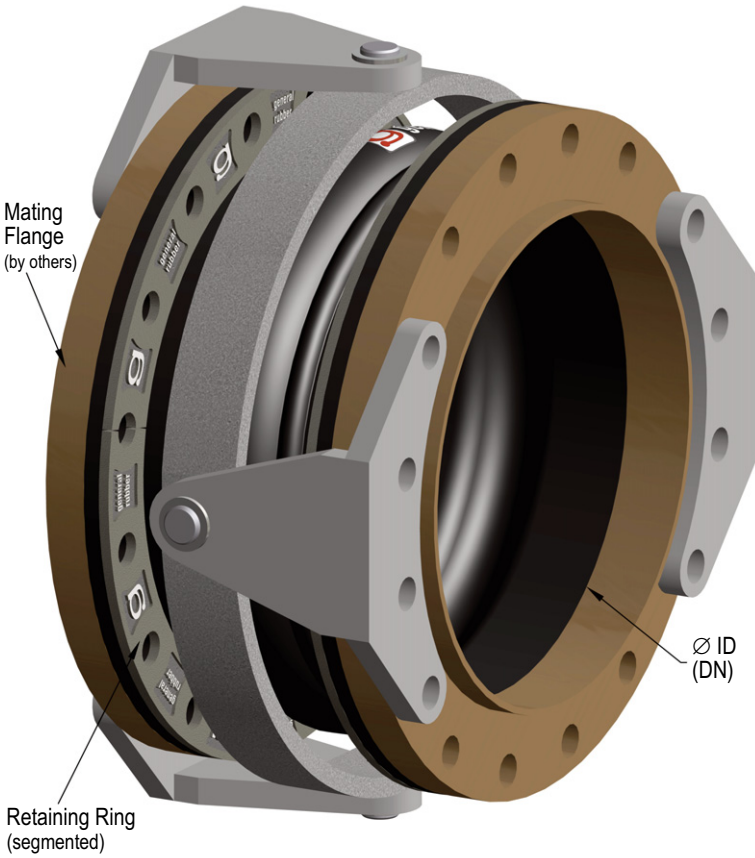
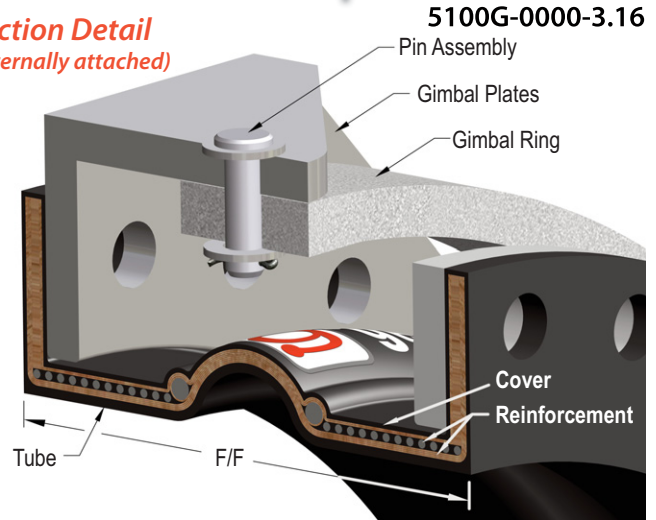


Shown with externally  
attached gimbal assembly

## Style 5100G Gimbal Rubber Expansion Joint



Section Detail  
(internally attached)



|                                    | Pure Gum                 | Neoprene                 | Butyl                    | Nitrile<br>(Buna-N)      | EPDM                     | Viton®<br>(FKM)          |
|------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Tube                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cover                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>Tire Cord:</b>                  | ° F [° C]                | ° F [° C]                | ° F [° C]                | ° F [° C]                | ° F [° C]                | ° F [° C]                |
| <input type="checkbox"/> Polyester | 180 [82]                 | 225 [107]                | 250 [121]                | 210 [99]                 | 250 [121]                | 250 [121]                |
| <input type="checkbox"/> Kevlar®   | 180 [82]                 | 225 [107]                | 300 [149]                | 210 [99]                 | 350 [177]                | 400 [204]                |

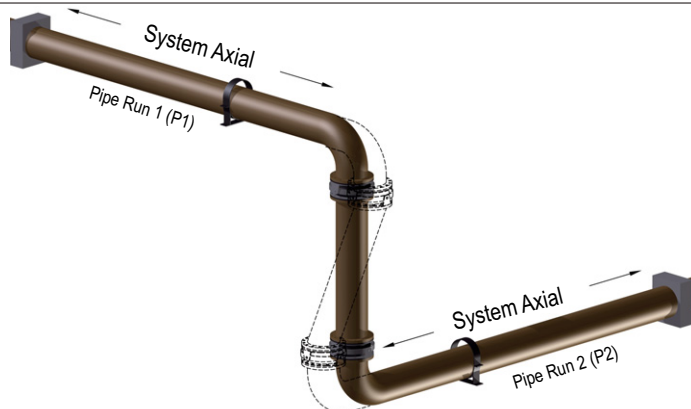
Maximum Temperature rating based on lowest temperature material selected. EPDM or Butyl w/Polyester Tire Cord rated 300°F (149°C) for Air Service up to 25 psig (1.7 barg)

### Bill of Materials

| ITEM                           | MATERIAL                                 | FINISH                |
|--------------------------------|--|-----------------------|
| Retaining Ring                 | <input type="checkbox"/> Carbon Steel    | Hot Dipped Galvanized |
|                                | <input type="checkbox"/> Stainless Steel | Plain                 |
| Gimbal Plates /<br>Gimbal Ring | <input type="checkbox"/> Carbon Steel    | Hot Dipped Galvanized |
|                                | <input type="checkbox"/> Stainless Steel | Plain                 |
| Pin Assembly                   | <input type="checkbox"/> Carbon Steel    | Hot Dipped Galvanized |
|                                | <input type="checkbox"/> Stainless Steel | Plain                 |
| Metal Reinforcement            | High Tensile Steel                       | Rubber Embedded       |
| Textile Reinforcement          | Tire Cord                                | RFL Coating           |

### Operational Parameters (customer specified)

|                                      |                                   |                             |  |  |                                  |
|--------------------------------------|-----------------------------------|-----------------------------|--|--|----------------------------------|
| Quantity <input type="text"/>        | Size ID (DN) <input type="text"/> | F/F <input type="text"/>    | P1 System Axial Comp. <input type="text"/> | P2 System Axial Comp. <input type="text"/> | Lateral <input type="text"/>     |
| Flange Drilling <input type="text"/> | Pressure <input type="text"/>     | Vacuum <input type="text"/> | P1 System Axial Ext. <input type="text"/>  | P2 System Axial Ext. <input type="text"/>  | Angular (°) <input type="text"/> |



Available in custom face-to-face dimensions and multiple arches.

Contact General Rubber Corporation for full product specifications, Warnings and installation instructions.