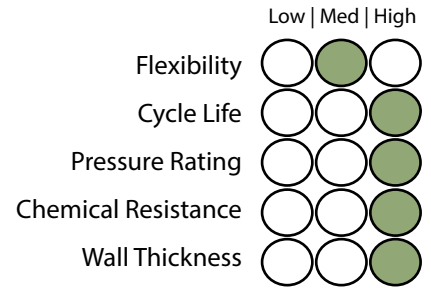


Universal Expansion Joint (UEJ)

Expansion Joint - UEJ

Part No.: UEJ
Construction: Convoluted
Material: 304, 321, 316, Incoloy, Inconel, Nickel, Hastelloy
Profile: Medium Flexibility / High Pressure
Liner: Optional
Size Available: 2" - 60"
(Larger sizes upon Request)
Temperature: -196°C +900°C



Construction

Use:
 Used for absorbing large amounts of axial, angular and lateral movement in low pressure pipelines. Pressure thrust will be transmitted onto the pipeline.



Specifications

| Part Number | Nom | Length | | Max. Working Pressure kPa | Movements | | | Spring Rate N/MM | Pressure Thrust KN |
|--------------|------|---------|-----------|------------------------------|-----------|---------|---------|---------------------|-----------------------|
| | Bore | Flanged | Weld Ends | | Axial | Lateral | Angular | | |
| | (mm) | (mm) | (mm) | | (mm) | (mm) | (Deg) | | |
| 50 UEJ-200 | 50 | 380 | 460 | 200 | 64 | 76 | 18 | 11 | 0.8 |
| 65 UEJ-200 | 65 | 380 | 460 | 200 | 64 | 76 | 18 | 10 | 1.4 |
| 80 UEJ-200 | 80 | 380 | 460 | 200 | 70 | 76 | 18 | 6 | 1.8 |
| 100 UEJ-200 | 100 | 430 | 526 | 200 | 72 | 76 | 18 | 24 | 2.8 |
| 125 UEJ-200 | 125 | 430 | 526 | 200 | 106 | 130 | 18 | 25 | 4.0 |
| 150 UEJ-200 | 150 | 430 | 576 | 200 | 106 | 120 | 18 | 21 | 5.6 |
| 200 UEJ-200 | 200 | 450 | 560 | 200 | 114 | 98 | 18 | 14 | 9.4 |
| 250 UEJ-200 | 250 | 485 | 582 | 200 | 112 | 98 | 18 | 14 | 14.8 |
| 300 UEJ-200 | 300 | 555 | 700 | 200 | 152 | 114 | 18 | 14 | 20 |
| 350 UEJ-200 | 350 | 540 | 736 | 200 | 178 | 114 | 18 | 30 | 24 |
| 400 UEJ-200 | 400 | 540 | 736 | 200 | 178 | 114 | 18 | 43 | 30 |
| 450 UEJ-200 | 450 | 540 | 772 | 200 | 182 | 102 | 18 | 49 | 38 |
| 500 UEJ-200 | 500 | 540 | 772 | 200 | 182 | 102 | 16 | 37 | 46 |
| 600 UEJ-200 | 600 | 540 | 772 | 200 | 148 | 86 | 16 | 45 | 66 |
| 650 UEJ-200 | 650 | 690 | 790 | 200 | 108 | 72 | 15 | 72 | 76 |
| 700 UEJ-100 | 700 | 690 | 790 | 100 | 111 | 72 | 15 | 82 | 43 |
| 750 UEJ-100 | 750 | 690 | 790 | 100 | 119 | 70 | 15 | 71 | 50 |
| 800 UEJ-100 | 800 | 690 | 790 | 100 | 122 | 64 | 15 | 74 | 58 |
| 850 UEJ-100 | 850 | 690 | 790 | 100 | 112 | 60 | 15 | 79 | 64 |
| 900 UEJ-100 | 900 | 690 | 790 | 100 | 112 | 59 | 15 | 87 | 71 |
| 950 UEJ-100 | 950 | 690 | 790 | 100 | 120 | 57 | 15 | 93 | 79 |
| 1000 UEJ-100 | 1000 | 1190 | 1290 | 100 | 120 | 54 | 14 | 121 | 85 |
| 1050 UEJ-100 | 1050 | 1190 | 1290 | 100 | 78 | 68 | 14 | 127 | 96 |

Additional sizes available. Visit www.hoseflex.com for our complete range