

Technical Particulars for UNI-Flex

| Type | Version | Pipe Nominal OD (mm) | Nominal Pressure (bar) |
|------------------------------------|-----------------|----------------------|------------------------|
| UNI FLEX Ø20.5 – 172 mm PN 16 | 1-L-F-... | 21,3 – 168,3 | 16 |
| | 1-S-F-... | 21,3 – 168,3 | 16 |
| UNI FLEX Ø180.0-2032 mm / PN 16 | 2-S-F-B-... | 219,1 | 16 |
| | 2-S-F-C-... | 273,0 – 323,9 | 16 |
| | 2-S-F-G-... | 355,6 – 457,2 | 16 |
| | 2-S-F-G-... | 508,0 – 711,2 | 10 |
| | 2-S2-F-G-... | 762,0- 1117,6 | 10 |
| | 2-S3-F-G-... | 1219,2-1422,4 | 6 |
| | 2-S3-F-G-... | 1524,0 | 2,5 |
| | 2-S4-F-G-... | 1625,6-2032,0 | 2,5 |
| | 2-S-F-A-... | 219,1 | 10 |
| | 2-S-F-B-... | 273,0-323,9 | 10 |
| | 2-S-F-C-... | 355,6 – 508,0 | 10 |
| | 2-S-F-C-... | 558,6 – 711,2 | 6 |
| | 2-S2-F-C-... | 762,0 – 1016,0 | 6 |
| | 2-S2-F-C-... | 1117,6 | 2,5 |
| | 2-S3-F-C-... | 1219,2 | 2,5 |
| 2-S3-F-C-... | 1422,4 – 1524,0 | * | |
| 2-S4-F-C-... | 1625,6 – 1828,8 | * | |
| UNI FLEX Ø 180.0-2032 mm / PN10 | 2-S-F-A-... | 273,0 – 323,9 | 6 |
| | 2-S-F-B-... | 355,6 – 508,0 | 6 |
| | 2-S-F-B-... | 558,8 – 711,2 | 2,5 |
| | 2-S2-F-B-... | 762,0 – 812,8 | 2,5 |
| | 2-S2-F-B-... | 914,4 – 1117,6 | * |
| 2-S3-F-B-... | 1219,2 | * | |

* To be used in open systems only i.e. under atmospheric conditions

TEMPERATURE RATING:

EPDM sleeve: -30 °C up to +125°C for version 1-L-/1-S-

-20 °C up to +80°C for version 2-S-/2-S2-/2-S3-/2-S4-

NBR sleeve: -20°C up to +80°C for all versions

MATERIALS:

| | W5 (Standard) | W4 (Optional) | W2 (Optional) |
|-----------------------|----------------------------|-----------------------|-----------------------|
| Casing | 1.4571 / Grade 316 Ti | 1.4301 / Grade 304 | 1.4016 / Grade 301 |
| Bolts | A4-80 / Grade 316 Ti | A4-80 / Grade 316 Ti | A4-80 / Grade 316 Ti |
| Bars | 1.4571 / Grade 316 Ti | 1.4301 / Grade 304 | 1.0760 / AISI 1141 |
| Strip Insert (Option) | Type 1.4571 / Grade 316 Ti | 1.4571 / Grade 316 Ti | 1.4571 / Grade 316 Ti |

