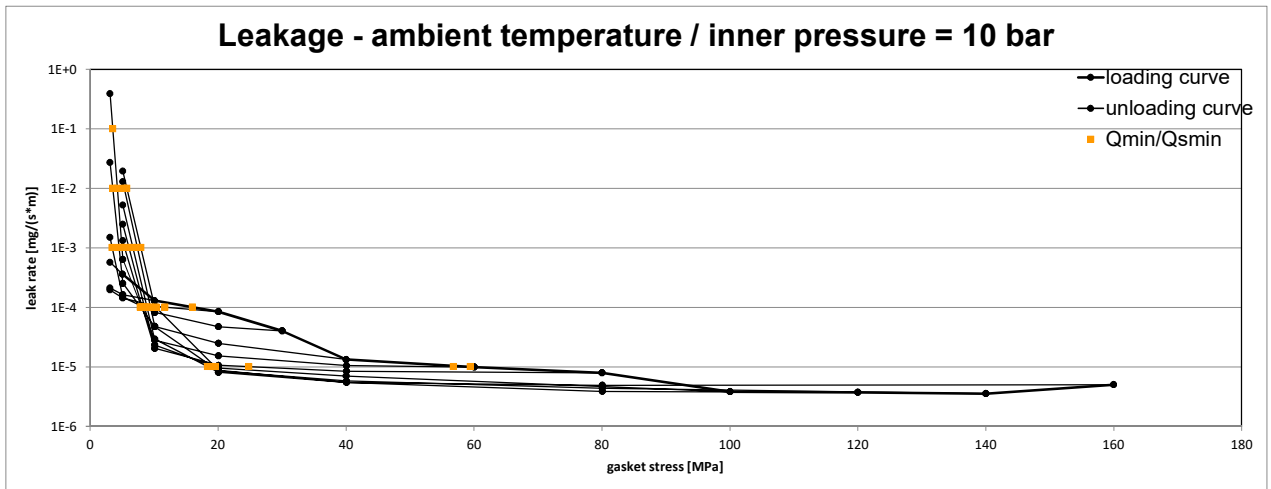
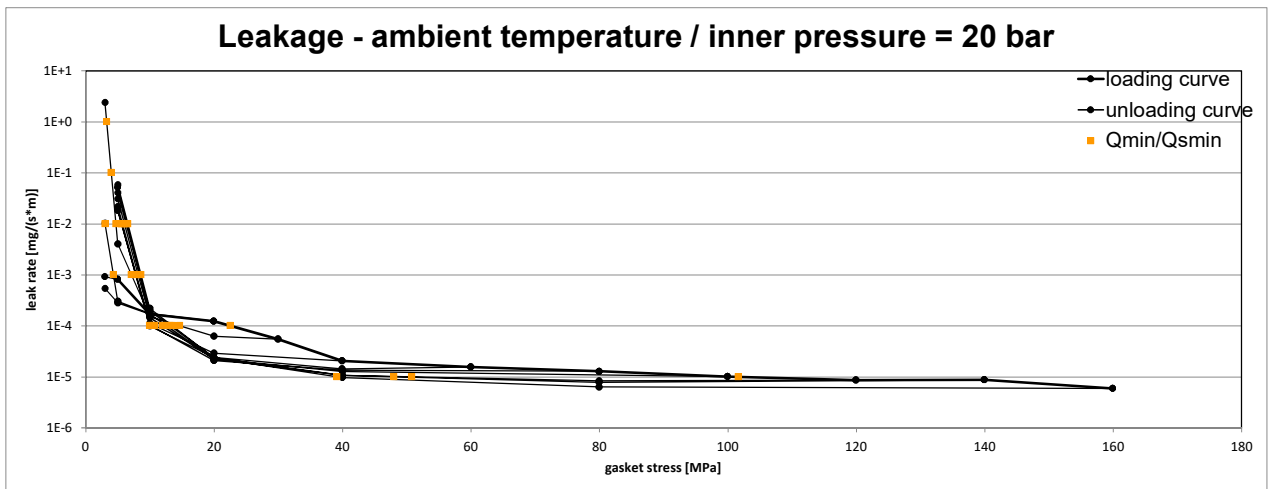


| | | |
|---------------------------------|---|---------------------------------------|
| Company Address | Garlock GmbH, Falkenweg 1, 41468 Neuss, Germany | According to prEN 13555 2019-12 |
| Gasket Type | GYLON® Style EPIX 3504 EPX | |
| Sealing element dimensions [mm] | 92 x 49 x 2.4 | |

| L [mg/(s*m)] | Q _{min/L} [MPa] | Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 10 bar | | | | | | | | | |
|------------------|--------------------------|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | Q _{Smin/L} [MPa] | | | | | | | | | |
| | | Q _A = 10 MPa | Q _A = 20 MPa | Q _A = 30 MPa | Q _A = 40 MPa | Q _A = 60 MPa | Q _A = 80 MPa | Q _A = 100 MPa | Q _A = 120 MPa | Q _A = 140 MPa | Q _A = 160 MPa |
| 10 ⁻⁹ | 5 | 3 | 3 | 3 | 3 | 3 | 5 | 5 | 5 | 5 | 5 |
| 10 ⁻¹ | 5 | 3 | 3 | 3 | 3 | 4 | 5 | 5 | 5 | 5 | 5 |
| 10 ⁻² | 5 | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 5 | 6 |
| 10 ⁻³ | 5 | 3 | 3 | 3 | 5 | 5 | 5 | 6 | 7 | 7 | 8 |
| 10 ⁻⁴ | 16 | | 12 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 10 |
| 10 ⁻⁵ | 59 | | | | | 57 | 25 | 19 | 18 | 19 | 20 |
| 10 ⁻⁶ | | | | | | | | | | | |
| 10 ⁻⁷ | | | | | | | | | | | |
| 10 ⁻⁸ | | | | | | | | | | | |



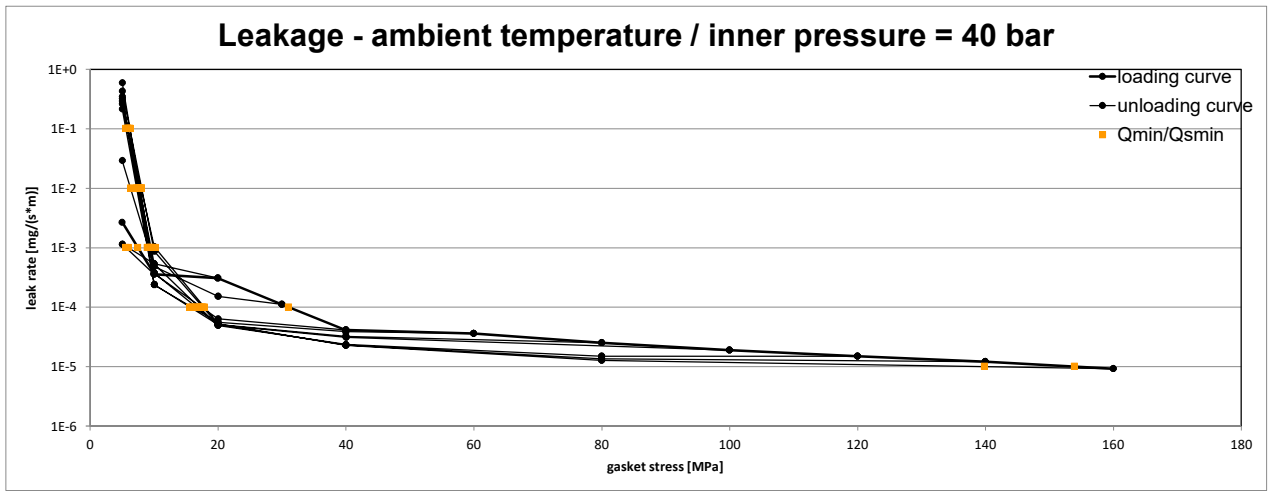
| L [mg/(s*m)] | Q _{min/L} [MPa] | Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 20 bar | | | | | | | | | |
|------------------|--------------------------|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | Q _{Smin/L} [MPa] | | | | | | | | | |
| | | Q _A = 10 MPa | Q _A = 20 MPa | Q _A = 30 MPa | Q _A = 40 MPa | Q _A = 60 MPa | Q _A = 80 MPa | Q _A = 100 MPa | Q _A = 120 MPa | Q _A = 140 MPa | Q _A = 160 MPa |
| 10 ⁻⁹ | 5 | 3 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 10 ⁻¹ | 5 | 3 | 3 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 10 ⁻² | 5 | 3 | 3 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 |
| 10 ⁻³ | 5 | 3 | 4 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |
| 10 ⁻⁴ | 23 | | | 15 | 11 | 10 | 10 | 12 | 13 | 13 | 13 |
| 10 ⁻⁵ | 102 | | | | | | | | 51 | 48 | 39 |
| 10 ⁻⁶ | | | | | | | | | | | |
| 10 ⁻⁷ | | | | | | | | | | | |
| 10 ⁻⁸ | | | | | | | | | | | |



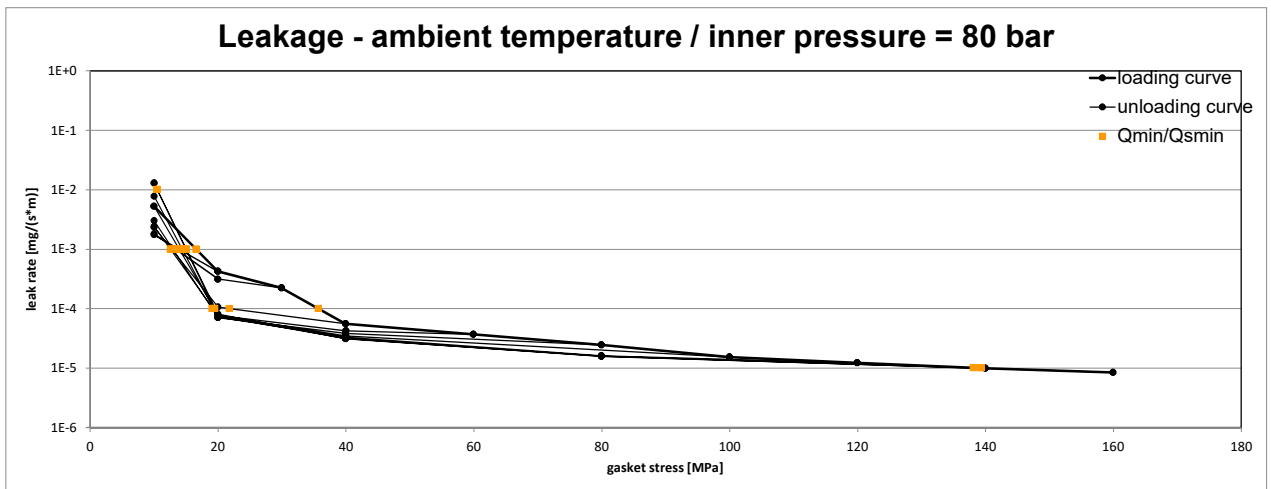
Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 2020-11-05

| | | |
|---------------------------------|---|---|
| Company Address | Garlock GmbH, Falkenweg 1, 41468 Neuss, Germany | According to prEN 13555 2019-12 |
| Gasket Type | GYLON® Style EPIX 3504 EPX | |
| Sealing element dimensions [mm] | 92 x 49 x 2.4 | |

| L [mg/(s*m)] | Q _{min/L} [MPa] | Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 40 bar | | | | | | | | | |
|------------------|--------------------------|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | Q _{Smin/L} [MPa] | | | | | | | | | |
| | | Q _A = 10 MPa | Q _A = 20 MPa | Q _A = 30 MPa | Q _A = 40 MPa | Q _A = 60 MPa | Q _A = 80 MPa | Q _A = 100 MPa | Q _A = 120 MPa | Q _A = 140 MPa | Q _A = 160 MPa |
| 10 ⁻⁹ | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 10 ⁻¹ | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 10 ⁻² | 5 | 5 | 5 | 6 | 8 | 7 | 7 | 8 | 8 | 8 | 8 |
| 10 ⁻³ | 7 | 6 | 6 | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 10 |
| 10 ⁻⁴ | 31 | | | | 17 | 16 | 16 | 17 | 17 | 18 | 18 |
| 10 ⁻⁵ | 154 | | | | | | | | | | 140 |
| 10 ⁻⁶ | | | | | | | | | | | |
| 10 ⁻⁷ | | | | | | | | | | | |
| 10 ⁻⁸ | | | | | | | | | | | |



| L [mg/(s*m)] | Q _{min/L} [MPa] | Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 80 bar | | | | | | | | |
|------------------|--------------------------|---|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | Q _{Smin/L} [MPa] | | | | | | | | |
| | | Q _A = 20 MPa | Q _A = 30 MPa | Q _A = 40 MPa | Q _A = 60 MPa | Q _A = 80 MPa | Q _A = 100 MPa | Q _A = 120 MPa | Q _A = 140 MPa | Q _A = 160 MPa |
| 10 ⁻⁹ | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | |
| 10 ⁻¹ | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 10 ⁻² | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 |
| 10 ⁻³ | 17 | 14 | 13 | 13 | 13 | 13 | 14 | 14 | 15 | 15 |
| 10 ⁻⁴ | 36 | | | 22 | 19 | 19 | 19 | 19 | 19 | 20 |
| 10 ⁻⁵ | 139 | | | | | | | | 139 | 138 |
| 10 ⁻⁶ | | | | | | | | | | |
| 10 ⁻⁷ | | | | | | | | | | |
| 10 ⁻⁸ | | | | | | | | | | |



Note: the content of darkened cells was not determined respectively is unnecessary Rev - No: 1 Creation date of this sheet: 2020-11-05

