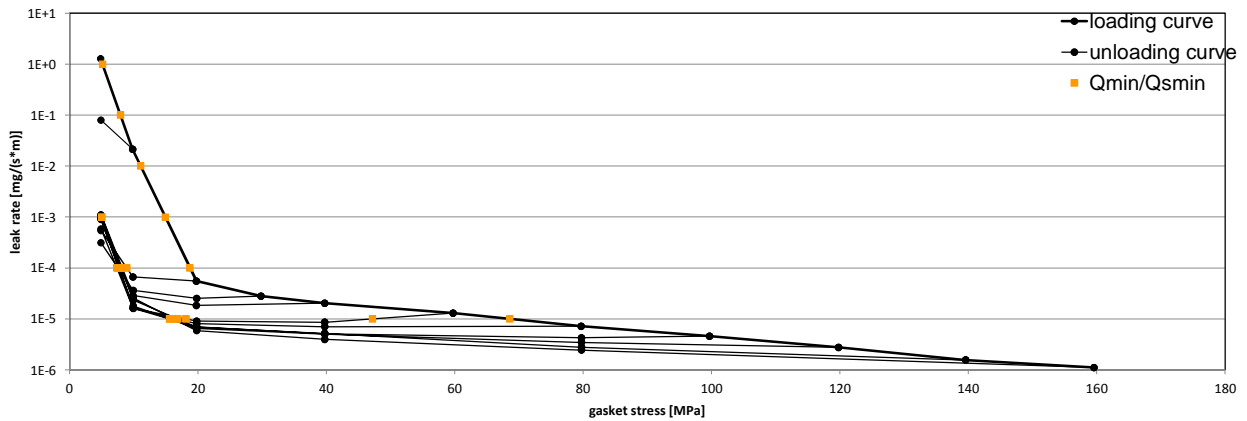


| | |
|---------------------------------|---|
| Company Address | Garlock GmbH, Falkenweg 1, 41468 Neuss, Germany |
| Gasket Type | Gylori® Style 3510 |
| Sealing element dimensions [mm] | 92 x 49 x 3,2 |

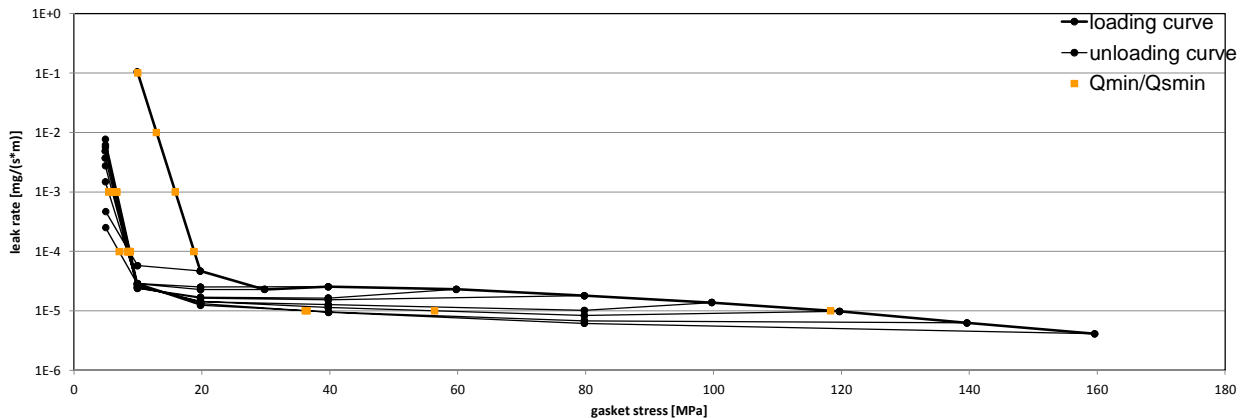
| L [mg/(s*m)] | Q _{min/L} [MPa] | Minimum stress to seal Q _{min/L} (at assembly), Q _{Smin/L} (after off-loading) for p = 10 bar | | | | | | | | | |
|------------------|--------------------------|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | | 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 ⁰ | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 10 ⁻¹ | 8 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 10 ⁻² | 11 | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 10 ⁻³ | 15 | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 10 ⁻⁴ | 19 | | 9 | 8 | 8 | 7 | 8 | 8 | 8 | 8 | 8 |
| 10 ⁻⁵ | 69 | | | | | 47 | 17 | 16 | 16 | 17 | 16 |
| 10 ⁻⁶ | | | | | | | | | | | |
| 10 ⁻⁷ | | | | | | | | | | | |
| 10 ⁻⁸ | | | | | | | | | | | |

Leakage - ambient temperature / inner pressure = 10 bar



| 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 = 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 ⁰ | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| 10 ⁻¹ | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 10 ⁻² | 13 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 10 ⁻³ | 16 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 |
| 10 ⁻⁴ | 19 | 9 | 7 | 8 | 8 | 8 | 9 | 9 | 9 | 9 |
| 10 ⁻⁵ | 118 | | | | | | | 56 | 36 | 36 |
| 10 ⁻⁶ | | | | | | | | | | |
| 10 ⁻⁷ | | | | | | | | | | |
| 10 ⁻⁸ | | | | | | | | | | |

Leakage - ambient temperature / inner pressure = 20 bar



Note: the content of darkened cells was not determined respectively is unnecessary

Rev - No: 1

Creation date of this sheet:

14.09.2012

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Center of Sealing Technologies, Bürgerkamp 3, 48565 Steinfurt, Germany

| | |
|---------------------------------|---|
| Company Address | Garlock GmbH, Falkenweg 1, 41468 Neuss, Germany |
| Gasket Type | Gylori® Style 3510 |
| Sealing element dimensions [mm] | 92 x 49 x 3,2 |

| 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 = 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 ⁰ | 11 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| 10 ⁻¹ | 13 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| 10 ⁻² | 15 | 7 | 5 | 6 | 7 | 6 | 6 | 6 | 6 | 6 | |
| 10 ⁻³ | 17 | 8 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | |
| 10 ⁻⁴ | 19 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | |
| 10 ⁻⁵ | | | | | | | | | | | |
| 10 ⁻⁶ | | | | | | | | | | | |
| 10 ⁻⁷ | | | | | | | | | | | |
| 10 ⁻⁸ | | | | | | | | | | | |

Leakage - ambient temperature / inner pressure = 40 bar

