VACUFLEX®

made in Germany

# K1H XS TPR V0

## Highly flexible flame retardant hose according to UL94-V0

- good resistance against ozone
- PP-coated spring steel spiral



### MEDIUM

### PROPERTIES

**Structure:**
Outer bore of TPR (thermoplastic rubber); PP-coated spring steel spiral; welded to outer bore

**Characteristics:**
Flame restricted and highly flexible hose, high temperature stable, good chemical resistance, extreme good resistance against ozone

**Applications:**
machinery, chemical industry, automotive industry, ventilation industry etc.

**Temperature range:**
-40°C to +135°C (short term up to +150°C)

**Colour:**
Black

**Specials:**
Flame retardant according to UL94-V0

| I.D. Ø mm | O.D. Ø mm | Wall thickness mm | r (mind.) mm | Weight ca. kg/m | Vacuum mbar | Pressure bar | Part no. |
|---|---|---|---|---|---|---|---|
| 18 | 25 | 1,2 | 27,0 | 0,206 | 800 | 2,5 | 4-2606-018-00 |
| 20 | 27 | 1,2 | 30,0 | 0,227 | 800 | 2,5 | 4-2606-020-00 |
| 25 | 32 | 1,2 | 37,5 | 0,279 | 650 | 2,0 | 4-2606-025-00 |
| 26 | 33 | 1,2 | 39,0 | 0,226 | 650 | 2,0 | 4-2606-026-00 |
| 30 | 37 | 1,2 | 45,0 | 0,258 | 650 | 2,0 | 4-2606-030-00 |
| 32 | 39 | 1,2 | 48,0 | 0,274 | 650 | 2,0 | 4-2606-032-00 |
| 35 | 42 | 1,2 | 52,5 | 0,299 | 650 | 2,0 | 4-2606-035-00 |
| 38 | 45 | 1,2 | 57,0 | 0,323 | 650 | 2,0 | 4-2606-038-00 |
| 40 | 47 | 1,2 | 60,0 | 0,339 | 650 | 2,0 | 4-2606-040-00 |

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All technical data, measured at 23°C, are general orientation values and are subject to production-related tolerances. Max. operating pressures apply only for short periods. We reserve the right to make technical changes and color deviations. Other versions are available upon request.
Stand: 03/2024

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| I.D. Ø mm | O.D. Ø mm | Wall thickness mm | r (mind.) mm | Weight ca. kg/m | Vacuum mbar | Pressure bar | Part no. |
|---|---|---|---|---|---|---|---|
| 45 | 52 | 1,2 | 67,5 | 0,380 | 650 | 2,0 | 4-2606-045-00 |
| 48 | 55 | 1,2 | 72,0 | 0,368 | 650 | 2,0 | 4-2606-048-00 |
| 50 | 57 | 1,2 | 75,0 | 0,383 | 550 | 1,5 | 4-2606-050-00 |
| 51 | 58 | 1,2 | 76,5 | 0,390 | 550 | 1,5 | 4-2606-051-00 |
| 55 | 62 | 1,2 | 82,5 | 0,420 | 550 | 1,5 | 4-2606-055-00 |
| 60 | 67 | 1,2 | 90,0 | 0,457 | 550 | 1,5 | 4-2606-060-00 |
| 63 | 70 | 1,2 | 94,5 | 0,479 | 550 | 1,5 | 4-2606-063-00 |
| 70 | 77 | 1,2 | 105,0 | 0,591 | 550 | 1,5 | 4-2606-070-00 |
| 75 | 83 | 1,2 | 112,5 | 0,632 | 550 | 1,5 | 4-2606-075-00 |
| 80 | 88 | 1,2 | 120,0 | 0,800 | 550 | 1,5 | 4-2606-080-00 |
| 90 | 98 | 1,2 | 135,0 | 0,897 | 550 | 1,5 | 4-2606-090-00 |
| 100 | 108 | 1,2 | 150,0 | 0,995 | 500 | 1,0 | 4-2606-100-00 |
| 102 | 110 | 1,2 | 153,0 | 1,014 | 500 | 1,0 | 4-2606-102-00 |
| 110 | 118 | 1,2 | 165,0 | 1,092 | 500 | 1,0 | 4-2606-110-00 |
| 120 | 128 | 1,2 | 180,0 | 1,189 | 500 | 1,0 | 4-2606-120-00 |
| 125 | 133 | 1,2 | 187,5 | 1,238 | 500 | 1,0 | 4-2606-125-00 |
| 127 | 135 | 1,2 | 190,5 | 1,258 | 500 | 1,0 | 4-2606-127-00 |
| 130 | 139 | 1,2 | 195,0 | 1,389 | 300 | 0,8 | 4-2606-130-00 |
| 140 | 149 | 1,2 | 210,0 | 1,497 | 300 | 0,8 | 4-2606-140-00 |
| 150 | 159 | 1,2 | 225,0 | 1,599 | 300 | 0,8 | 4-2606-150-00 |
| 160 | 169 | 1,2 | 240,0 | 1,706 | 300 | 0,8 | 4-2606-160-00 |
| 162 | 174 | 1,2 | 243,0 | 1,727 | 300 | 0,8 | 4-2606-162-00 |
| 175 | 184 | 1,2 | 262,5 | 1,925 | 300 | 0,8 | 4-2606-175-00 |
| 180 | 189 | 1,2 | 270,0 | 1,980 | 300 | 0,8 | 4-2606-180-00 |
| 190 | 199 | 1,2 | 285,0 | 2,090 | 300 | 0,8 | 4-2606-190-00 |
| 200 | 209 | 1,2 | 300,0 | 2,260 | 200 | 0,6 | 4-2606-200-00 |
| 250 | 260 | 1,2 | 500,0 | 2,825 | 200 | 0,6 | 4-2606-250-00 |
| 270 | 280 | 1,2 | 540,0 | 3,132 | 200 | 0,6 | 4-2606-270-00 |
| 300 | 310 | 1,2 | 600,0 | 3,480 | 100 | 0,4 | 4-2606-300-00 |

**Further diameters upon request.**

State: 29.03.2024

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