

## Highflex G - For Gases

High pressure PTFE


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### Characteristics

**Description:** SS304 stainless steel wire reinforced heavy wall post sintered Khemgard® PTFE hose. The specially formulated static conductive Khemgard® PTFE tube allows for continuity between the two fittings resulting in static dissipation and a longer life for the hose assembly.

**Applications:** Gas applications, automotive, aircraft ground support, paint, solvents

**Temperature Range:** -76°F to +500°F (-60°C to +260°C) Continuous

### Construction

**Tube:** Static conductive post sintered Khemgard® PTFE

**Reinforcement:** High tensile braided and spiral wound 304 stainless steel wire

**Available upon request:** SS316 braid, Silicone and PU covers. Please contact MTO for more information.

| Code                                                                                       | I.D. (in) | O.D. (in) | Working Pressure (PSI) | Burst Pressure (PSI) | Vacuum (Hg) | Bend Radius (in) | Weight (lbs/ft) |
|--------------------------------------------------------------------------------------------|-----------|-----------|------------------------|----------------------|-------------|------------------|-----------------|
|  HP-04G | 1/4       | 0.38      | 5000                   | 20000                | 29.9        | 1.5              | 0.11            |
|  HP-06G | 3/8       | 0.47      | 5000                   | 20000                | 29.9        | 2.5              | 0.18            |
|  HP-08G | 1/2       | 0.6       | 5000                   | 20000                | 29.9        | 2.9              | 0.24            |
|  HP-10G | 5/8       | 0.71      | 5000                   | 20000                | 29.9        | 3.3              | 0.32            |
|  HP-12G | 3/4       | 0.97      | 5000                   | 20000                | 29.9        | 4                | 0.66            |
|  HP-16G | 1         | 1.25      | 5000                   | 20000                | 27.2        | 5                | 1.02            |
|  HP-20G | 1.1/4     | 1.6       | 5000                   | 20000                | 25.4        | 12               | 1.68            |

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