

Hudson Technologies – HSLP 1.500 Diaphragms

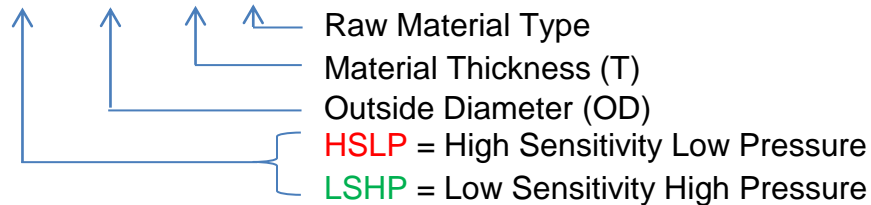
Material / Thickness / Deflection Chart

| Part Name | <----- Pressure (psi) -----> | | | | | | | | | Rev 7/24/17 | | | | |
|--------------------|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|--------|--------|--------|-----|
| | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 |
| HSLP1.500-0020-316 | 0.0014 | 0.0029 | 0.0043 | 0.0057 | 0.0070 | 0.0083 | 0.0095 | 0.0107 | 0.0119 | 0.0130 | | | | |
| HSLP1.500-0020-718 | 0.0014 | 0.0027 | 0.0041 | 0.0054 | 0.0067 | 0.0079 | 0.0091 | 0.0103 | 0.0114 | 0.0124 | | | | |
| HSLP1.500-0030-316 | 0.0008 | 0.0015 | 0.0023 | 0.0030 | 0.0037 | 0.0044 | 0.0052 | 0.0058 | 0.0065 | 0.0072 | 0.0127 | 0.0171 | 0.0212 | |
| HSLP1.500-0030-625 | 0.0007 | 0.0014 | 0.0021 | 0.0028 | 0.0035 | 0.0041 | 0.0048 | 0.0054 | 0.0061 | 0.0067 | 0.0120 | 0.0162 | 0.0196 | |
| HSLP1.500-0030-718 | 0.0007 | 0.0014 | 0.0022 | 0.0029 | 0.0036 | 0.0042 | 0.0049 | 0.0056 | 0.0062 | 0.0068 | 0.0123 | 0.0165 | 0.0201 | |

Deflections listed are simulated results. Actual results may vary.

Part Number Structure

HSLP1.500-0020-718



Raw Material Type

718 = Inconel 718 per AMS 5596
 316 = Stainless Steel 316L per AMS 5507
 625 = Inconel 625 per AMS 5599

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