

# Hudson Technologies – HSLP 1.000 Diaphragms

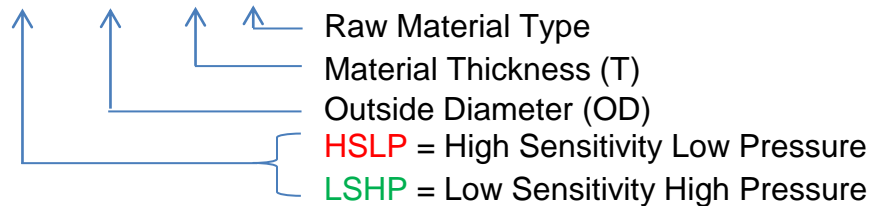
## Material / Thickness / Deflection Chart

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
HSLP1.000-0020-316	0.0003	0.0007	0.0010	0.0013	0.0016	0.0020	0.0023	0.0026	0.0030	0.0033	0.0066	0.0097	0.0127	0.0156
HSLP1.000-0020-718	0.0003	0.0006	0.0009	0.0012	0.0015	0.0018	0.0022	0.0025	0.0028	0.0031	0.0060	0.0088	0.0114	0.0138
HSLP1.000-0030-316	0.0002	0.0003	0.0005	0.0007	0.0008	0.0010	0.0012	0.0013	0.0015	0.0017	0.0033	0.0050	0.0066	0.0081
HSLP1.000-0030-625	0.0002	0.0003	0.0005	0.0006	0.0008	0.0009	0.0011	0.0012	0.0014	0.0015	0.0031	0.0046	0.0061	0.0075
HSLP1.000-0030-718	0.0002	0.0003	0.0005	0.0006	0.0008	0.0010	0.0011	0.0013	0.0014	0.0016	0.0032	0.0047	0.0062	0.0077

Deflections listed are simulated results. Actual results may vary.

### Part Number Structure

HSLP1.000-0020-718



### Raw Material Type

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

### Hudson Technologies

1327 North U.S. Highway 1 Ormond Beach, FL 32174 USA

Phone: 386 672-2000 Toll Free: 866 241-4448 Fax: 386 676-6212

[www.hudson-technologies.com](http://www.hudson-technologies.com)