

# Hudson Technologies – HSLP 1.500 Diaphragms

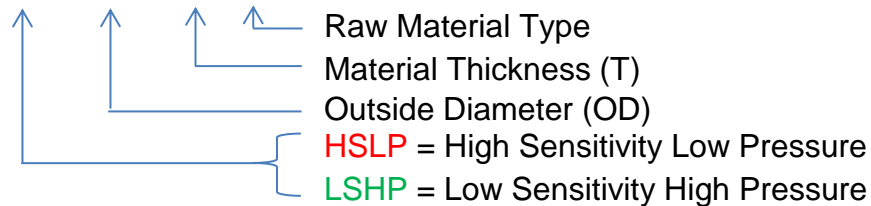
## Material / Thickness / Deflection Chart

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

### Hudson Technologies

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