

# Hudson Technologies – LSHP1.500 Diaphragms

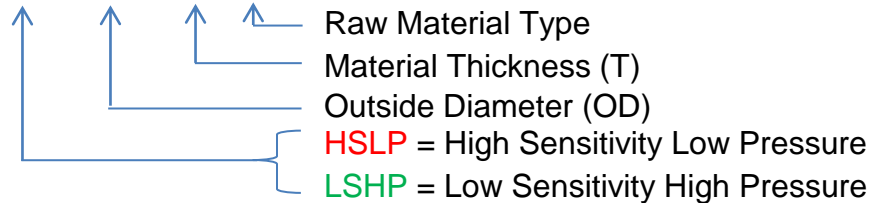
## Material / Thickness / Deflection Chart

Part Name	Pressure (psi)										Rev 7/24/17			
	0.6	0.7	0.8	0.9	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0
LSHP1.500-0020-718	0.0016	0.0019	0.0021	0.0024	0.0026	0.0051	0.0074	0.0096	0.0118	0.0141				
LSHP1.500-0030-316	0.0007	0.0008	0.0009	0.0010	0.0011	0.0023	0.0034	0.0044	0.0055	0.0065	0.0076	0.0086	0.0096	0.0106
LSHP1.500-0030-625	0.0006	0.0007	0.0008	0.0009	0.0011	0.0021	0.0031	0.0041	0.0051	0.0061	0.0071	0.0080	0.0090	0.0099
LSHP1.500-0030-718	0.0006	0.0008	0.0009	0.0010	0.0011	0.0021	0.0032	0.0042	0.0052	0.0062	0.0072	0.0082	0.0092	0.0102

Deflections listed are simulated results. Actual results may vary.

### Part Number Structure

LSHP1.500-0020-718



### 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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