

SELECT PROPER SENSOR FROM TABLE

1. Locate the pin size that will be used with your RJG sensor.
2. If plastic type is known, choose between the Low Pressure or Typical column. Or, if the cavity pressure is known, reference the < or > 5000psi column.
3. The value at the intersection of the row and column is the load (lbs) that will be on the sensor.
4. Find the matching color in the table to find the recommended button sensor(s) for your application.

	Lynx Strain Gauge Button
50 lb	LS-B-127-50
125 lb	LS-B-127-125
500 lb	LS-B-127-500
2000 lb	LS-B-127-2000
4000 lb	LS-B-159-4000*

Pin Size	Pin Dia. (in)	Low Pressure Application (Neoprene, Silicone, etc)	Typical Thermoplastic Application (ABS, Polypropylene, etc)
		< 5000psi	> 5000psi
3/64	.048	50 lb	50 lb
1/16	.063	50 lb	125 lb
3/32	.094	125 lb	500 lb
1/8	.125	125 lb	500 lb
5/32	.156	500 lb	500 lb
3/16	.188	500 lb	2000 lb
1/4	.250	2000 lb	2000 lb
5/16	.313	2000 lb	2000 lb
3/8	.375	2000 lb	2000 lb
13/32	.406	2000 lb	4000 lb
7/16	.438	2000 lb	4000 lb
1/2	.500	2000 lb	4000 lb
9/16	.563	2000 lb	4000 lb
5/8	.625	2000 lb	4000 lb
11/16	.688	4000 lb	4000 lb
3/4	.750	4000 lb	
7/8	.875	4000 lb	

Pin Size	Pin Dia. (in)	Low Pressure Application (Neoprene, Silicone, etc)	Typical Thermoplastic Application (ABS, Polypropylene, etc)
		< 5000psi	> 5000psi
1.5mm	.059	50 lb	125 lb
2.0mm	.079	50 lb	125 lb
2.5mm	.098	125 lb	500 lb
3.0mm	.118	125 lb	500 lb
3.2mm	.126	125 lb	500 lb
4.0mm	.158	500 lb	500 lb
4.2mm	.165	500 lb	500 lb
5.0mm	.197	500 lb	2000 lb
6.0mm	.236	500 lb	2000 lb
6.2mm	.244	500 lb	2000 lb
8.0mm	.315	2000 lb	2000 lb
8.2mm	.323	2000 lb	2000 lb
10.0mm	.394	2000 lb	4000 lb
12.0mm	.472	2000 lb	4000 lb
14.0mm	.551	2000 lb	4000 lb
16.0mm	.630	2000 lb	4000 lb
18.0mm	.709	4000 lb	
20.0mm	.787	4000 lb	