



Specialty Products **FAQ**

Part Numbers 94390/94391/94392/94393/
94394

Spring Rate Table

Q1: What is the spring rate of the springs in your catalog?

A1: Listed is a table of Part numbers and spring rates:

SPC Part Number	94390	94391	94392	94393	94394
Front	Linear	Linear	Linear	Linear	Linear
LBS/In	675	550	550	500	577
Rear	Variable	Linear	Variable	N/A	N/A
LBS/In	114 → 188	166	112 → 188	N/A	N/A

Q2: What is the difference between linear rate and variable rate?

A2: For linear rate, as the load on the spring increases, the spring compresses an amount directly proportional to that load. So, if the spring is rated at 100lbs per inch, it will compress 2 inches when 200lbs is applied and so on. Variable or progressive springs load carrying ability increases from a lower to a higher amount. The theory is that this allows the car to travel smoothly over bumps and road imperfections but still be tight enough to provide good handling and prevent the chassis from bottoming out. Variable rate springs are easy to spot because the springs are not symmetrical. Typically, one end of the spring is wound tighter than the other end with the more tightly wound end being the softer part of the spring.

