

Tennis Strings: String Gauge

String Gauge

This subject is one of the most frequent searches on the website.

This seems to mean that many players think it is a complicated subject.

Most players should find a medium gauge is best.

If you do not break strings often, try a thinner gauge.

Anyone who breaks strings frequently should consider using a larger gauge.

A Guide to the Gauge of Tennis Strings

This is the diameter or thickness of the string, and is normally measured in mm (millimetres). A thinner string normally provides a better response, while a larger diameter string should have increased durability.

String Material

The materials used in the strings can influence the durability. A standard synthetic string has less durability than a Mono-Filament string. This means you can use a thinner Mono-Filament string and have better durability than with a traditional synthetic string.

Typical Gauges

The following gauges are those that are most frequently used

Thin Gauge: 1.18 to 1.23 mm

This gauge provides good performance, but has lower durability. Most players should only use this gauge in Mono-Filament strings, or they will need to restring their rackets frequently.

Medium Gauge: 1.24 to 1.29 mm

This should be the best choice for most players, as it gives the best balance between performance and durability.

Larger Gauge: 1.30 to 1.35 mm

This thicker string is best for players who break their strings frequently. The larger diameter string should provide increased durability, but the performance is normally reduced.

Larger Gauges: more than 1.35 mm

These are now not used as much as they once were. These gauges were previously used to provide extra durability in a traditional synthetic string.

Selection Advice

Some strings are made in several gauges, and you will probably need advice on the best one for your requirements.

It is recommended that most players should ask for advice before selecting any string.