

# DARTS FACT SHEET

These are basic guidelines to explain the complexities of darts and aid players in choosing their setup. It is important to keep in mind however that many of these choices come down to personal preference and how the dart feels in each players hand.

## Dart Types

### Brass Darts

Brass is the lightest of the three common metallic darts. It is a soft alloy (copper & zinc) allowing it to be easily machined and therefore a more cost effective choice. Brass darts have thicker barrels which contribute to more bounce outs and more difficulty landing darts in a tight grouping. Brass darts are most suited for beginners and casual players.

### Nickel Silver Darts

Nickel Silver is an alloy consisting of nickel, copper and zinc; 'silver' simply refers to the colour. It can be easily machined, and is approximately twice the price of brass and half the price of tungsten. Ideal for players with some experience looking to improve their game.

### Tungsten Darts

Tungsten is a very heavy and dense metal. Tungsten itself is a powder and is typically mixed with other metals like nickel to form a tungsten dart barrel. It is harder to work with but will typically last longer than brass and nickel silver darts. On average, a 24 gram tungsten dart will be 1/2 the diameter of a 24 gram brass dart which will allow for tighter groupings on the board. Best for skilled players who demand the very best in their darts.



All Formula Sports branded dart barrels have a lifetime guarantee covering any defect in material or workmanship. Defects caused by owner misuse, negligence or normal wear and tear are not covered. Please note that shafts, flights and points are consumable items and cannot be covered in this guarantee.

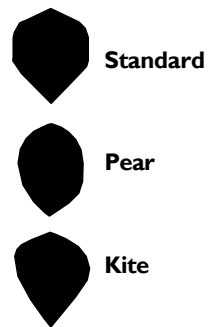
## Dart Weight

Darts are available in various weights, Formula Sports supply darts in an extensive range from 17g right through to 42g. The most common weights are from 22g – 26g however it is very much a personal choice. The speed with which a player throws their dart will help determine which weight to choose. The lighter the dart the harder/faster a player must throw.

## Flights

The three main flight shapes are Standard, Pear and Kite. The size and style of dart flights can impact scoring in a dart player's game.

Standard is the most popular and provides stability for the dart once thrown and in flight. Pear and Kite shapes are smaller and are faster through the air and their smaller size allows for better grouping and player scoring.



## Shafts

Also referred to as 'stems', shafts come in different materials and sizes. The most common materials are Nylon and Alloy/Aluminium. Nylon shafts are economical and come in a variety of bright designs. Alloy/Aluminium shafts are more rigid and durable.

The three main shaft lengths are approximately 35mm, 41mm and 48mm. Formula Sports also supply a range of Extra Short and Extra Long shafts. Choosing a shaft length depends how the player grips the dart and what feels comfortable in the hand.



## Dartboards

### Material

Bristle dartboards are the most popular type of dartboard, suitable for both recreational and professional players. Bristle dartboards are made up of compressed sisal fibres (beware of imitation materials) glued to a backing board, with the edges held by metal banding. Bristle dartboards are durable and high-density meaning once you remove a dart from the board the hole will close behind it. Wear will eventually occur to your dartboards, so look for a removable number ring that will allow you to rotate the most popular areas so you get even wear on the board. Paper Coil dartboards are a more economic choice and suitable for the recreational player, they are not as long lasting as a bristle dartboard.

### Wiring

The two basic wiring systems are round wire and embedded razor wire. A razor wire dartboard has less wired surface area so the chance of the dart hitting the wire and bouncing out is greatly decreased, this is the best choice for a serious player. There are also options in regards to the bullseye being stapled or staple free, a staple free bullseye may help a player focus their shot.

