

Ferrules



CRS provides a wide range of ferrules made from Vespel®, Vespel/Graphite, Graphite and PTFE. Ferrule sizes refer to the size of the compression fittings into which they fit.



Vespel® ferrules have an upper temperature limit of 350°C and are made from 100% high-temperature DuPont polyimide with precision drilled ID. Vespel is fairly hard and tends to seal permanently to the column.



Vespel®/Graphite (60% Vespel/40% Graphite) ferrules have an upper temperature limit of 400°C and are made from quality DuPont polyimide/graphite blend. The 60/40 blend offers the best combination of sealing and ease of workability. Recommended for GC/MS interface applications.



Vespel®/Graphite (85% Vespel/15% Graphite) ferrules have an upper temperature limit of 400°C and are made from quality DuPont polyimide/graphite blend. The 85/15 blend offers the most leak free solution and are more crack resistant than the 60/40 blend. Recommended for GC/MS interface applications.



Graphite ferrules have an upper temperature limit of 450°C and are made from high purity graphite. Ideal for glass to metal connections because they don't stick to glass. They are reusable, if they are not over tightened.



PTFE ferrules have an upper temperature limit of 250°C, and are made of 100% PTFE. They are soft and completely inert. Commonly used in liquid applications.