

# Vacuum Cup Material Data



Material Name	Colour	Part N° Suffix	Temperature	Durometer	Comments
Nitrile Rubber	Gloss Black	A	-40°C to +130°C	60 Shore	Used for general applications and ideal for use with steel or other metals where oil and other non hazardous agents are present.
Natural Rubber	Matte Black	N	-70°C to +80°C	40 Shore	Ideal for the wood and paper industry due to the high flexibility of this cup. This compound is very hard wearing and therefore resistant to the abrasive nature of wood and paper fibers as well as rough concrete or other coarse surfaces such as cardboard. This compound has a poor chemical resistance and therefore should not be used for handling steel or other materials with an oily or harmful component present.
Silicone Rubber	White	S	-50°C to +300°C	40 Shore	Good for high temperature applications such as injection molded products and has an excellent chemical resistance. Vuototecnica Silicone is FDA approved for the food and drug industry. A 40 shore hardness offers excellent flexibility. This compound should not be used on glass or surfaces which are to be painted, as it is a "marking compound". Due to this characteristic of silicone, caution should be used.
Anti Static Silicone Rubber	White	SAS	-50°C to +200°C	40 Shore	Same properties as the standard silicone described above but with the added feature of being able to absorb static electricity making it ideal for semi conductor manufacturing.
Viton® Rubber	Brown or Green	V	-20°C to +300°C	60 Shore	Viton® is ideal for very high heat applications and is a non-marking compound. Therefore this cup is suitable for injection molding, hot stamping applications and glass handling. Excellent chemical resistance makes this cup ideal for harsh environments.
Benz	Red	B	-40°C to +130°C	60 Shore	Designed primarily for the automotive stamping industry this compound is 100% oil and chlorine proof. This cup is perfect for applications, such as press stamping, which utilizes corrosive stamping oils and lubricants.
Non Marking Nitrile	Gray	BA	-30°C to +110°C	60 Shore	This compound has been developed for the glass and decorative stone industry such as quartz and marble. The non marking characteristics of this material enables the user to handle products which need to be free of marks or flaws to facilitate processes such as lamination or production line assembly.

### The benefits of Vuototecnica cups

All Vuototecnica vacuum cups are compression molded to provide consistent quality and structure. A unique stabilization process ensures that these materials remain unaffected by environmental changes during storage or use and that the features mentioned above do not diminish over time. All compounds are unaffected by UV light.