Data Sheet	E102 TeflonPFA/Viton Hollow Core Encapsualted O Ring

Data Sheet Type	Final
Material Reference	E102
Polymer	FEP & PFA
Date Issued	27/07/24

Description

Similar to our E101 O Rings the Hollow in the Viton Core is for applications where more flexibility or an easier compression is required. This Encapsulated O Ring combines the Chemical Resistance of a TeflonPFA Outer Jacket with the energy of a hollow Dupont Viton Rubber Core. Viton is generally offered as the standard in Encapsulated O Rings because it has a good Compression Set. The TeflonPFA offers advantages over TeflonFEP as it has improved mechanical, creep properties, abrasion resistance and a higher operating temperature.

Specifications	Values	Test Methods
Highest Recommended Working Temperature	204 °C	None
Lowest Recommended Working Temperature	-20 °C	None

Purposes

Chemical Resistant

Food Contact Suitability

Oil Resistance

Important Notes about this Material Data Sheet

This datasheet has been carefully compiled to advise you, our customer, in the best possible way. The information, figures, test values, and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether the specified properties of our products are sufficient for the intended use. This datasheet is subject to alteration without prior notice . All mentioned values contained herein are guiding values representing long-term experience averages. Please be aware that Test Results for individual Material Batches will only be provided if requested at the time of order and may be subject to additional charges and/or lead times. This Data Sheet supersedes all previous data sheets and any other data previously provided

either Verbally, Electronic or Written, with reference to the above Material Grade.