MacLellan
Polymers to Industry

Data Sheet	D003 Garlock® ONE-UP® Diapragm with Neoprene Backing
Data Sheet Type	Final
Material Reference	D003
Polymer	PTFE
Date Issued	08/11/26

Description

The ONE-UP® Pump Diaphragm containing a High Performance Gore® sheet on the Wetted Side are Stronger and have a greater flex-life than conventional PTFE Diaphragms. Bonded to a reinforced Neoprene Rubber with a Patented Rib Construction this Diaphragm will work with most Chemicals. This product is for Industrial Use only and is not suitable for use in the Food, Drug, Cosmetic or Medical Device Industries

Specifications	Values	Test Methods
Highest Recommended Working Temperature	93 °C Maximum	None
Lowest Recommended Working Temperature	-10 °C Minimum	None
PH Range	0-14 PH Range	None

Purposes

Acid Resistance

Chemical Resistant

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.