

## Data Sheet

## P055 Flexible Filament &amp; Graphite Packing for High Pressure and High Temp Pumps &amp; Valves

Data Sheet Type	Final
Material Reference	P055
Polymer	Graphite/PTFE Blend
Date Issued	16/07/24



## Description

Manufactured from the highest quality pure graphite filament yarn impregnated with PTFE. This is an excellent packing for rotating & reciprocating pumps & valves.

Specifications	Values	Test Methods
Highest Recommended Working Temperature	500 °C	None
Lowest Recommended Working Temperature	-200 °C	None
Maximum Linear Speed	2 m/s	None
Maximum Rotary Pressure	8 bar	None
Maximum Rotary Speed	25 m/s	None
Maximum Valve Pressure	200 bar	None
Oxidising Environment Temp Range	-200 to 500 °C	None
PH Range	3-13 PH Range	None
Steam Operating Temp Range	-200 to 650 °C	None

## Purposes



Oil Resistance



Petrol Resistance



Steam Resistant

**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

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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.