

Data Sheet

P050 Braided Packing for Reducing Fugitive Emissions

Data Sheet Type	Final
Material Reference	P050
Polymer	Graphite
Date Issued	02/06/26



Description

A superior quality low emission Packing, manufactured to ISO15848-1:2006 and tested to Shell SPE77/312, constructed from exfoliated graphite reinforced by knitted inconel wire mesh, designed to reduce fugitive emissions with ease and requires no special fitting technique.

Specifications	Values	Test Methods
Highest Recommended Working Temperature	650 °C	None
Maximum Linear Speed	2 m/s	None
Maximum Valve Pressure	350 bar	None
Non-Oxidising Environment Temp Range	to 3000 °C	None
PH Range	1-14 PH Range	None
Steam Operating Temp Range	to 650 °C	None

Purposes



Chemical Resistant



High Working Temperature



Low Gas Permeability



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 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.