

# Graphite Packing Style 5000 (100% Graphite) Quick Reference Guide



## Overview

Our Graphite Packing Style 5000 is a versatile style of graphite pump and valve packing. This style is made using high purity graphite yarns that are plait braided to form a tough, durable gland packing material.

Since it is made with pure graphite, Style 5000 is self-lubricating and generates very low rates of friction even at high speeds. It is able to handle shaft speeds up to 20 MPS (4,000 FPM). It's pressure rating varies depending on whether it is installed in a pump or valve. In pumps, it is rated to 207 BAR while in valves this number is 34 BAR.

One of the main benefits associated with this high-quality graphite packing is its' virtually leak free sealing performance. It achieves this by forming a homogenous mass under gland pressure. This results in maximum sealability and a reduction in flush water usage.

Being made from pure graphite, Style 5000 has excellent heat dissipation properties.



## Key Specifications

Base Fibre	100% Expanded Graphite
Braid	Plait
Shaft Speed Rating	20 MPS
Pressure Rating	34 BAR in Pumps 207 BAR in Valves
Temperature Ratings	455°C in Air (850°F) 649°C in Steam (1200°F) 3315°C in Non-Oxidising Atmospheres
pH Range	0-14

## Graphite Packing Style 5000 Sizes.

The table below lists all our standard sizes of Style 5000 Graphite Gland Packing. All are available by the Metre. To quickly find any on our website, just search for the SWM part number listed.

Alternatively, browse the full range at [swiftsupplies.com.au/5000-100-percent-graphite-packing](https://swiftsupplies.com.au/5000-100-percent-graphite-packing)

Part Number	Size Metric	Size Imperial
<b>SWM000220B01V0001</b>	3.2mm <sup>2</sup>	1/8" Square
<b>SWM000220B01V0002</b>	4.8mm <sup>2</sup>	3/16" Square
<b>SWM000220B01V0003</b>	6.4mm <sup>2</sup>	3/4" Square
<b>SWM000220B01V0004</b>	8mm <sup>2</sup>	1/16" Square
<b>SWM000220B01V0005</b>	9.5mm <sup>2</sup>	3/8" Square
<b>SWM000220B01V0006</b>	12.7mm <sup>2</sup>	1/2" Square
<b>SWM000220B01V0007</b>	16mm <sup>2</sup>	5/8" Square
<b>SWM000220B01V0008</b>	19mm <sup>2</sup>	3/4" Square
<b>SWM000220B01V0009</b>	22mm <sup>2</sup>	7/8" Square
<b>SWM000220B01V0010</b>	25mm <sup>2</sup>	1" Square