

# Marigold 5000 Packing

**Service** : Rotating & Static  
**Application** : Pumps & Valves  
**Product Type** : Braided Packing  
**Material** : Expanded Flexible Graphite



## Description

Braided from high purity, expanded flexible graphite yarns, Marigold 5000 Packing is designed to be virtually leak free. Under gland pressure, Style 5000 forms a homogenous mass, resulting in maximum sealability, and reducing the need for flush water usage. Style 5000 is an extremely low friction, self lubricating packing with excellent heat dissipation and chemical resistance properties. Typically used for high temperature pump and valve applications.

Construction : Plait Braid  
Temperature Rating : 455°C in Air  
649°C in Steam  
3315°C in Non Oxidising Atmospheres  
pH Range : 0 - 14\*  
Shaft Speed Rating : 20.3 mps / 4000 fpm  
Pressure Rating : Valves – 172.4 bar / 2500 psi  
Pumps – 34.5 bar / 500 psi

\* Except for Strong Oxidisers

## Applications

Rotary and Reciprocating Pumps as well as Valve Service or other Static applications.

## Chemical Resistance

Suitable for: - Strong Acids & Alkalis; Steam; Air - Dry Industrial; Ammonia Gas; Water;  
Salt Water/Brine; Petroleum & Synthetic Oils; Aliphatic & Aromatic Solvents

## Yield Information\*

SQ. Section	3.2 mm	4.8 mm	6.4 mm	8 mm	9.5 mm	12.7 mm	16 mm	19 mm	22 mm	25.4 mm
Metres / kg	75.7	40.2	21.4	14.7	10.0	6.2	3.6	2.8	2.1	1.6

\*Yields are subject to deviation due to industry accepted tolerance and density variations



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REV: 2-10-2006

1130R30813AGDOCg

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