



Associated Gaskets



Flexible Graphite Marigold Packings

AG's Marigold Flexible Graphite Packings are designed to seal the most demanding of applications. These high quality, graphite based pump and valve packings are used in situations requiring a high temperature resistant packing that can handle high shaft speeds, pressures and a diverse range of chemicals.

This page provides a brief overview of a small selection of AG's range of Marigold Packings. For more information on any style listed here, or any other Packing in the Marigold range, please don't hesitate to contact your local AG branch location.

| | Construction | Temperature | pH Rating | Shaft Speed | Pressure Rating | Service Type |
|-------------------|-----------------|------------------------------|-----------|-------------|------------------------------|--------------|
| Marigold 5000 | Plait Braid | 455°C (Air) 649°C (Steam) | 0-14 | 20 MPS | 170 BAR Valve 34 BAR Pump | Pump & Valve |
| Marigold 5000C | Plait Braid | 455°C (Air) 649°C (Steam) | 0-14 | 25 MPS | 170 BAR Valve 34 BAR Pump | Pump & Valve |
| Marigold 5000-OCC | Interlock Braid | 455°C (Air) 649°C (Steam) | 0-14 | 22 MPS | 340 BAR Valve 34 BAR Pump | Pump & Valve |
| Marigold 5000T | Interlock Braid | 290°C | 0-14 | 20 MPS | 34 BAR | Pump & Valve |
| Marigold 8000LC | Interlock Braid | 455°C (Air) 649°C (Steam) | 0-14 | 20 MPS | 276 BAR Valve 34 BAR Pump | Pump & Valve |

Marigold 5000 is plait braided from high purity graphite yarns and designed to be virtually leak free. Under gland pressure this packing forms a homogenous mass which results in maximum sealability and reduced flush water usage. Typically used for high temperature pump or valve applications, Marigold 5000 is low friction, self lubricating and offers excellent heat dissipation. Marigold 5000 is used with air up to 455°C, steam to 649°C and in non-oxidising atmospheres up to 3315°C



Marigold 5000C is a plait braided packing manufactured from high purity graphite yarns and reinforced with high strength carbon filament. Highly durable and easy to install, this low leakage packing is self-lubricating and offers superior extrusion resistance. The unique blend of carbon and graphite used in its construction ensures extremely low shaft wear and excellent heat dissipation. Marigold 5000C is used in air up to 455°C, steam to 649°C and in non-oxidising atmospheres up to 3315°C.



Marigold 5000-OCC is similar to 5000C as both are constructed from high purity graphite yarns reinforced with high strength carbon filament. The difference between these two styles is in the braid type used; Marigold 5000-OCC is interlock braided whilst 5000C is plait. The stronger interlock braiding allows 5000-OCC to be used in extremely high pressure environments whilst the unique blend of materials used ensures it offers many of the outstanding performance attributes of Mari-



Marigold 5000T is manufactured from high purity graphite yarns combined with a densified PTFE dispersion. This interlock braided packing is used in applications with high pressures and aggressive chemicals and has been widely utilised on a variety of pump and valve types. Marigold 5000T is a self lubricating packing with excellent extrusion resistance. The unique blend of PTFE and graphite ensures 5000T offers extremely low shaft wear whilst maintaining its excellent heat dissipation.



Marigold 8000LC is an interlock braided pump and valve packing produced from industrial grade graphite filaments and coated with a proprietary graphite blend. This addition coating ensures Marigold 8000LC has a low coefficient of friction and that fraying is minimised. Used in sealing highly aggressive media, Marigold 8000LC exhibits extremely high rates of thermal conductivity and in air up to 455°C, steam to 649°C and in non-oxidising atmospheres up to 3315°C..



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