

## PTFE-based

### Fluolion SEQUEL®

*Pure white for food and pharmaceuticals*



#### Description

An outstanding, non-contaminating packing, made from WL Gore & Associates' highly developed SEQUEL® yarn of ePTFE and an entrapped white solid lubricant with heat conductivity and lubricity features close to graphite. James Walker's design and manufacturing expertise converts the yarn to a cross-plaited packing offering optimum performance, density, resilience and durability.

#### Typical applications

Rotary and reciprocating plant in the food processing, pharmaceutical, speciality chemicals, and pulp and paper sectors. It is particularly recommended for sugar and chocolate processing, and fine paper production.

#### Specifications

- SEQUEL® yarn is FDA approved for food and pharmaceutical applications.


#### Prime features


- Clean, non-contaminating and graphite free.
- Long maintenance-free service life.
- Minimal shaft wear and leakage.
- Superior performance over other pure white packings.


#### Chemical properties

Compatible with media in the range pH 1-14, *excluding* strong oxidising agents and molten alkali metals.

#### Service capabilities

 <b>Valve stem duties</b>	
Maximum temperature	+280°C
Minimum temperature	-100°C
Max system pressure	100bar

 <b>Centrifugal pumps &amp; rotary equipment</b>	
Operating temperatures	As valve stem
Maximum shaft speed	20m/s
Max system pressure	20bar

 <b>Reciprocating pumps &amp; rams</b>	
Operating temperatures	As valve stem
Maximum rod speed	2m/s
Max system pressure	100bar

#### How supplied

Ex-stock: all popular square sections from 3mm to 25mm, boxed in 8m lengths. Customers are recommended to use sets of preformed rings for optimum performance, fitting ease and economy. Full fitting instructions are included.

### Liongraf

*Our universal, economical packing*



#### Description

A highly reliable pump and valve packing of cross-plait construction, based on graphite and PTFE yarn that is thermally stabilised then lubricated with a silicone-free compound.

sectors, and by pump and valve manufacturers for OEM installation. It is suitable for duties with steam, condensate, effluents, fuels and oils, acids, alkalis and chemical solutions.


#### Prime features


- Strong, durable and extrusion resistant.
- Reliable over a wide range of duties.
- Excellent chemical resistance.
- Low friction with high thermal conductivity.


#### Chemical properties

Compatible with media in the range pH 0-14, including corrosive fluids and solvents.

#### Service capabilities

 <b>Valve stem duties</b>	
Maximum temperature	+260°C
Minimum temperature	-100°C
Max system pressure	120bar

 <b>Centrifugal pumps &amp; rotary equipment</b>	
Operating temperatures	As valve stem
Maximum shaft speed	17.5m/s
Max system pressure	20bar

 <b>Reciprocating pumps &amp; rams</b>	
Operating temperatures	As valve stem
Maximum rod speed	2m/s
Max system pressure	80bar

#### How supplied

Ex-stock: all popular square sections from 3mm to 25mm, boxed in 8m lengths. Also supplied as split preformed rings and sets. Full fitting instructions are included.