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PTFE - GRAPHITE

# 3R782



## Description

The 3R782 is made of an aramid core covered with graphite particles and completely coated with a PTFE jacket and has a high temperature break-in lubricant treatment. The aramid core gives it excellent mechanical strength and dimensional stability, while the PTFE/graphite jacket provides chemical resistance, heat conductivity and a low coefficient of friction.

## Applications

This packing is suited for corrosive applications. Its high resistance to extrusion (four times higher than conventional PTFE/graphite packings) makes it ideal for handling chemically aggressive fluids in high surface speed and high pressure applications.

## Specifications

### Technical Data

|             |  |
|-------------|--|
| Temperature | -100°C to 280°C (-148°F to 536°F)  |
| Pressure    | Static:3600psi (250 bar), Rotating: 500psi (35 bar),<br>Reciprocating: 3600psi (250 bar) |
| Shaft Speed | 4921 fpm (25 m/s)  |

### Approximate yields - Feet per pound (+/- 10%)

|       |      |
|-------|------|
| 3/16" | 36.9 |
| 1/4"  | 21.6 |
| 5/16" | 13.7 |
| 3/8"  | 9.2  |

|       |     |
|-------|-----|
| 7/16" | 8.4 |
| 1/2"  | 5.6 |
| 9/16" | 4.5 |
| 5/8"  | 3.6 |
| 3/4"  | 2.5 |
| 7/8"  | 2.0 |
| 1"    | 1.5 |

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.