



# RAMIE PACKING R4802

## Composition

Red ramie yarns  
PTFE impregnation  
Inert lubricant

## Characteristics

Ramie is used for applications requiring robustness and durability. For this reason, it is employed in the production of packings and textile gaskets, taking advantage of its resistance properties, especially in industrial environments that require materials with good chemical and wear resistance.

- **High tensile strength:** it is up to eight times stronger than cotton, making it ideal for industrial and technical applications.
- **Moisture resistance:** ramie maintains its strength even in humid environments, offering excellent dimensional stability.
- **Wear resistance:** compared to other natural fibers, it is less prone to deterioration from friction and wear.
- **Thermal stability:** it can withstand high temperatures without losing its mechanical properties.
- **Environmental sustainability:** as a natural and biodegradable fiber, ramie is considered a sustainable choice.





## Ramie Packing R4802

The gland packing R4802 is made with pure Red ramie yarns, impregnated with PTFE and inert lubricant.

## Applications

Pump packing

## Tech Data

|                                                                                     | P bar | lbf/in2 | Vm/S | f/pm | pH     | T°C       | T°F       |
|-------------------------------------------------------------------------------------|-------|---------|------|------|--------|-----------|-----------|
|  | 60    | 900     | 2    | 400  | 4 ÷ 10 | -50 ÷ 120 | -60 ÷ 250 |
|  | 25    | 375     | 10   | 2000 |        |           |           |

- Never use the product to the maximum temperature and pressure associated. Consult the manufacturer for further information
- The peak temperature can be sustained for short exposures



The information in this publication, as well as any additional information provided to users, is based on experience and is shared to the best of our current knowledge. However, due to numerous factors beyond our knowledge and control that may affect the use of these products, no warranties are provided or implied regarding this information. The operating limits presented in this publication do not imply that these values can be applied simultaneously. Do not use the product at the maximum temperature and pressure values simultaneously. The maximum temperature is suitable only for short-term exposure under specific conditions. Specifications are subject to change without prior notice. The picture in the DS may not accurately depict the exact color and/or markings of the product.

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| Sezione mm | Sezione inch | kg/box | lbs/box | mt/box | ft/box | mt/kg | ft/lbs |
|------------|--------------|--------|---------|--------|--------|-------|--------|
| 3          | 1/8"         | 1      | 2.2     | 71.4   | 234.3  | 71.4  | 106.4  |
| 4          | -            | 1      | 2.2     | 50.0   | 164.0  | 50.0  | 74.5   |
| 5          | 3/16"        | 1      | 2.2     | 25.0   | 82.0   | 25.0  | 37.2   |
| 6          | -            | 2.5    | 5.5     | 41.7   | 136.8  | 16.7  | 24.8   |
| 6.5        | 1/4"         | 2.5    | 5.5     | 37.3   | 122.4  | 14.9  | 22.2   |
| 8          | 5/16"        | 2.5    | 5.5     | 25.0   | 82.0   | 10.0  | 14.9   |
| 9.5        | 3/8"         | 2.5    | 5.5     | 18.5   | 60.7   | 7.4   | 11.0   |
| 10         | -            | 2.5    | 5.5     | 16.7   | 54.8   | 6.7   | 10.0   |
| 11         | 7/16"        | 2.5    | 5.5     | 13.9   | 45.6   | 5.6   | 8.3    |
| 12         | -            | 2.5    | 5.5     | 11.6   | 38.1   | 4.6   | 6.9    |
| 12.7       | 1/2"         | 2.5    | 5.5     | 10.4   | 34.1   | 4.2   | 6.2    |
| 14         | 9/16"        | 5      | 11      | 16.7   | 54.8   | 3.3   | 5.0    |
| 16         | 5/8"         | 5      | 11      | 13.2   | 43.3   | 2.6   | 3.9    |
| 17.5       | -            | 5      | 11      | 11.5   | 37.7   | 2.3   | 3.4    |
| 18         | 11/16"       | 5      | 11      | 10.4   | 34.1   | 2.1   | 3.1    |
| 19         | 3/4"         | 5      | 11      | 9.8    | 32.2   | 2.0   | 2.9    |
| 22         | 7/8"         | 5      | 11      | 6.9    | 22.6   | 1.4   | 2.1    |
| 25.5       | 1"           | 5      | 11      | 5.3    | 17.4   | 1.1   | 1.6    |

- The weight per meter and the packaging's weight may have a tolerance of +/- 10%. Other sizes and packaging are available on demand.



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