



T4152 - PTFE PACKING - with Light Impregnation



T4152

pH	0 - 14
T [°C]	-200 / + 280
P [bar]	30 dyn. / 250 stat.
v [m/s]	15

CONSTRUCTION AND PROPERTIES

ULMAN T4152 is manufactured from a yarn with exceptionally high tensile strength, offering significantly greater durability than conventional PTFE packings. The combination of selected additives with the outstanding sliding properties of PTFE improves heat dissipation, making this material particularly suitable for use in high-speed pumps. This packing provides excellent resistance to chemicals and can be used in both acidic and alkaline media. The purity of the yarn ensures suitability for applications where the highest standards of medium quality are required. Minimal shrinkage and consistent volume guarantee a permanently reliable seal. Its microporous structure retains lubricants within the packing, ensuring long service life and stable performance.

APPLICATION

The packing is used wherever high temperatures, aggressive media, or changing operating conditions demand secure sealing solutions. Typical applications include the chemical industry with acids, alkalis, and solvents, power plants and energy systems with hot water, steam, or condensate, as well as the food and pharmaceutical industries, where purity and reliability are essential. It has also proven to be a universally robust solution in oil and refinery processes and in general plant engineering, such as for pumps, mixers, and valves.

DELIVERY FORMS

4–25 mm square, other dimensions available on request

Specific density: $1.2 \text{ g/cm}^3 \pm 10\%$

also available with FDA conformity (T4152F)

up to 8 mm – 1 kg

up to 12 mm – 2 kg

up to 16 mm – 4 kg

up to 25 mm – 5 kg