

## Technical Data Sheet

### EXPANDED PTFE TAPE(WCMEXPPTFETP)

#### DESCRIPTION:

Polytetrafluoroethylene

#### PHYSICAL PROPERTIES

COMPRESSIBILITY:	60 - 70%
RECOVERY:	16%
CHEMICAL RESISTANCE:	0 - 14 pH (Except for Molten Metals)
MAXIMUM PRESSURE:	180 MPa
TEMPERATURE RANGE:	-240 °C—+ 260 °C (315 °C Intermittent)
OZONE RESISTANCE:	Excellent
COLOUR:	White



PTFE

Our range is made from 100% pure PTFE expanded using a unique process into a febrile structure which forms a strong, consistent material which is impervious to liquids and gasses.

It is the material of choice when it comes to sealing large diameter flanges, particularly where there is damage to the sealing surface. Each coil comes complete with self-adhesive tape on one face to ease placement.

With it being compressible, it is the material of choice for glass lined vessels, pumps, valves and heat exchangers.

Expanded PTFE is chemically inert and non-marking, thus making it the material for pharmaceutical and food and drink industries.

The advantage of using PTFE tape over sheet is the distinct savings that can be made as you simply wind the tape between the bolts on full faced pipelines.

Expanded PTFE tape is commonly used in the following industries, Offshore Oil and Gas, Pulp and Paper, Pharmaceutical, Food and Drink, Chemical Processing, Water, in fact anywhere where a high performance material is required that will outlast in many case, more expensive sealing solutions.

This grade complies with the requirements of FDA 21 CFR 177.1550 and EC1935:2004.

For information on our Expanded PTFE, Virgin and filled sheet range, please see the relevant data sheet.

Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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