

# FLOWSEAL JOINT SEALANT

## 100 % EXPANDED PTFE TAPE



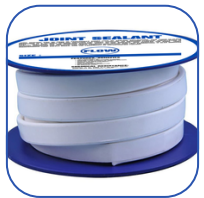
## PRODUCT INFORMATION

### DESCRIPTION:

**FLOWSEAL JOINT SEALANT** IS A GASKET MATERIAL MADE FROM PURE, EXPANDED, VIRGIN PTFE. A QUALITY AND ENVIRONMENTAL MANAGEMENT SYSTEM THAT IS CERTIFIED ACCORDING TO DIN EN ISO 9001 AND DIN EN ISO 14001.

### APPLICATION

BECAUSE OF THE EXCELLENT THERMAL AND CHEMICAL RESISTANCE OF **FLOWSEAL JOINT SEALANT**, IT CAN BE USED IN A WIDE VARIETY OF STATIC APPLICATIONS IN NEARLY ALL KINDS OF THE INDUSTRY. THE EXCEPTIONAL MALLEABILITY OF EXPANDED PTFE CAN COMPENSATE FOR OUT-OF-PARALLEL AND/OR DAMAGED SEALING SURFACES AND ALLOWS USE WITH STRESS SENSITIVE CONNECTIONS AND APPLICATIONS WHERE ONLY A LIMITED FLANGE LOAD IS AVAILABLE. TYPICAL APPLICATIONS ARE THE SEALING OF FLANGES, PUMP HOUSINGS, COMPRESSORS, HAND- AND MANHOLES, AIR DUCTS, COMPENSATORS, HEAT EXCHANGERS AND MANY MORE.



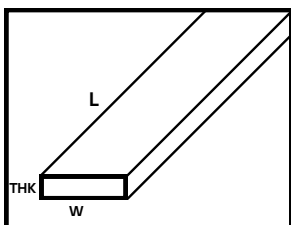
### TECHNICAL DATA

- PTFE TEMPERATURE RANGE: -268 °C TO +260 °C (SHORT TIME +315 °C)
- CHEMICAL RESISTANCE: RESISTANT AGAINST ALL CHEMICALS FROM PH 0-14 EXCEPT MOLTEN ALKALI METALS AND ELEMENTAL FLUORINE AT HIGH TEMPERATURE AND PRESSURE
- DENSITY: 0,65 G/CM<sup>3</sup>, +/- 0,1 G/CM<sup>3</sup> (FOR RECTANGULAR CROSSECTIONS ONLY)
- AGING RESISTANCE: **FLOWSEAL JOINT SEALANT** DOES NOT AGE (PLEASE NOTE: ADHESIVE TAPE HAS LIMITED SHELF LIFE!) AND IS UV-RESISTANT
- **FLOWSEAL JOINT SEALANT** IS PHYSIOLOGICALLY HARMLESS. IT HAS NO SMELL OR TASTE. IT IS NEITHER CONTAMINATING NOR TOXIC. IT COMPLIES WITH THE FDA 21 CFR 177.1550
- COLOR: WHITE

### TYPICAL APPLICATION RANGE:

- TEMPERATURE RANGE: -60 °C UP TO +230 °C
- OPERATING PRESSURE: FROM VACUUM TO 40 BAR

### DIMENSIONS



### ADVANTAGES

- QUICK AND SIMPLE INSTALLATION: ADHESIVE STRIP MAKES INSTALLATION EASIER
- REDUCED DOWN TIME: IMMEDIATELY AVAILABLE, NO CUTTING OR PUNCHING OF GASKET NECESSARY
- REDUCED STOCK: A FEW SPOOLS OF DIFFERENT SIZES COVER MOST APPLICATIONS WITHIN A PLANT
- NO RISK: THE VERSATILITY OF **FLOWSEAL JOINT SEALANT** ELIMINATES THE RISK OF USING WRONG MATERIAL FOR A CERTAIN APPLICATION – THIS PREVENTS AVOIDABLE BREAKDOWNS
- NO WASTE: **FLOWSEAL JOINT SEALANT** IS A GASKET FROM A SPOOL, NO MATERIAL GETS WASTED

### MORE INFORMATION



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