

TECHNICAL DATA SHEET

PACKING PTFE

Plaited packing PTFE of square or round cross-section made of white PTFE yarn strengthened with impregnant should present damage-free surfaces, without thickening and constrictions as well as the presence of torn threads, evenly impregnated.

SCOPE OF APPLICATION

Packing PTFE is used for pumps and fittings exposed to abrasive materials such as: sand suspensions, sewage. It is designed for use in high-pressure pumps and fittings in contact with water, steam, solutions of average strength salts, acids and bases and organic agents such as: fuels, oils, greases, solvents at temperatures up to 280°C and pressure of 100 bar, pH 2-13, size range 4-30.



max. Temperature [°C]	-200 to +280
pH	0 - 14
Impeller pumps	p = 20 bar v = 10 m/s
Piston pumps	p = 80 bar v = 2 m/s
Armature	p = 20 bar v = 1 m/s
Mass increment in sulphuric acid	<20%
Mass changes in sulphuric acid	<25%
Mass loss at elevated temperature	<3

TYPES OF TESTING

- Full testing of packing is carried out once every three months and after each new delivery of raw material.
- Sampling: linear mass, packing dimension, visual inspection

thickness [mm]	4	6	8	10	12	15	18	20	22	25
tolerance	+/- 0,5%		+/- 0,8%			+/- 1,0%				
linear miss +/-15%	27	60	106	166	239	374	539	665	805	1040

PACKING, STORAGE, TRANSPORT, DISPOSAL

The packing should be placed in bags or cardboard boxes. Store in conditions which prevent contamination and destruction.

The material is not hazardous according to current European Union regulations and requires no additional labelling.

The packing material is not hazardous, does not contain asbestos, formaldehyde and phenolic derivatives. They may be stored in industrial waste dumps; no special conditions are required. Properly selected, stored, assembled and operated packing do not pose any danger. Use protective gloves during assembly. There are no other hazards.

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