

Sealing tape type e-PTFE

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Sealing tape e-PTFE is produced of pure expanded polytetrafluoroethylene having a structure of micro-porous fibres, obtained in a special process of extrusion. The tape has a self-adhesive surface on one side, thanks to which installation is very convenient. It is characterized by good flexibility, resistance to compression, thermal stability non-flammability and high chemical resistance.

Application

They are designed to work in all utilities (except for melted alkaline metals and elementary fluorine). They serve for sealing of flange connections, hatches, covers, valves, fittings, pumps, heat exchangers, chemical equipment, ventilation draughts, air and water systems. They can be used for all types of flanges made of various materials: steel, aluminum, plastics, glass, ceramics, enamelled flanges or flanges covered with rubber etc.



Technical parameters

DESCRIPTION OF PARAMETER	VALUE											
Maximum operation temperature in °C	270											
Maximum temporary temperature in °C	315											
Minimum use temperature in °C	-245											
Scope of pH	0-14											
Maximum pressure in MPa	20 in a vacuum											
Density in g/cm ³	0,8 ± 15 %											
Colour	white											
Dimensional range in mm	3x1,5	5x2	7x2,5	8x3,5	10x3	12x4	14x5	17x6	20x7	30x6	40x5	
DN in mm	do 50	50-200	200-600	600-1500			Above 1500					
Lengths of tapes in a roll in m	10 , 15, 20, 25, 50											

Commercial packaging

width up to 9 mm – roll at least 50 m
 width from 10 mm – roll at least 10 m