



Expanded PTFE Joint Tape

ICP FLON TAPE

Description:

Universal 100% expanded PTFE joint tape with one side adhesive.



Physical Properties:

PROPERTIES (Thickness 2.5 mm)	STANDARD	VALUE
Density	DIN 28090-1	0,55 g/cm ³
Compressibility	ASTM F 36 A	80 %
Creep Relaxation	ASTM F38	40 %
Gas Permeability	ASTM F37B	1,3 x 10 ⁻³ cm ³ /s
* Maximum operating conditions:		
Peak Temperature		315 °C / 599 °F
Continuous Temperature		260 °C / 500 °F
Minimum Temperature		-200 °C / -328 °F
Pressure		210 bar / 3045 psi
pH		0 - 14

Standard Dimensions:

Spool Length (m)	Width x Thickness (mm)
30	3 x 1.5
20	5 x 2.0
15	7 x 2.5
10	10 x 3.0
10	12 x 4.0
10 / 20	14 x 5.0
5	17 x 6.0
5	20 x 7.0
5	25 x 8.0

Applications:

- Easy installation and very adaptable to irregularities.
- It is resistant to all chemical products and solvents, exception for alkaline materials in particular conditions.
- Perfect tightness of long life on industrial and chemical equipment flanges , pipes and steam lines, hydrocarbons and oxygen.
- Suitable to use it in chemical and food industry.



Chemical Resistance

The recommendations made here are intended to be a guideline for the selection of the suitable gasket, been necessary to take into account other factors.

Acetaldehyde	●	Chlorometane	●	Hydrochloric Acid 36%	●	Potassium Chloride	●
Acetamide	●	Chromic Acid	●	Hydrofluoric 40%	175 °C	Potassium Dichromate	●
Acetic Acid	●	Citric Acid	●	Hydrogen	●	Potassium Hydroxide	●
Acetone	●	Copper Acetate	●	Isobutane	●	Potassium Nitrate	●
Acetylene	●	Copper Chloride	●	Isooctane	●	Potassium Permanganate	●
Ádipic Acid	●	Creosote	●	Isopropyl Alcohol	●	Propane	●
Alum	●	Cresol	●	Kerosene	●	Pyridine	●
Aluminum Acetate	●	Cyclohexanol	●	Lactic Acid 50%	●	Salt	●
Aluminum Chlorate	●	Cyclohexanone	●	Lead Acetate	●	Silicone Oil	●
Aluminum Chloride	●	Decaline	●	Lead Arsenate	●	Sodium Aluminate	●
Ammonia	●	Diesel Oil	●	Lubricating Oil	●	Sodium Bisulphite	●
Ammonium Bicarbonate	●	Dimethylformamide	●	Magnesium Chloride	●	Sodium Carbonate	●
Ammonium Chloride	●	Dowtherm A	●	Magnesium Sulphate	●	Sodium Chloride	●
Amyl Acetate	●	Ethane	●	Malic Acid	●	Sodium Cyanide	●
Aniline	●	Ethanol	●	Methane	●	Sodium Hydroxide	●
Asphalt	●	Ethyl Acetate	●	Methanol	●	Sodium Sulphate	●
ASTM Oil N°1	●	Ethyl Chloride	●	Methyl Chloride	●	Sodium Sulphide	●
ASTM Oil N°3	●	Ethyl Ether	●	Methyl Ethyl Ketone	●	Steam	●
Barium Chloride	●	Ethylene	●	Methylene Chloride	●	Stearic Acid	●
Benzene	●	Ethylene Chloride	●	Naphta	●	Sulphur Dioxide	●
Benzoic Acid	●	Ethylene Glycol	●	Nitric Acid 20%	●	Sulphuric Acid 20%	●
Bleach Solutions	●	Ferric Chloride	●	Nitric Acid 40%	●	Sulphuric Acid 96%	●
Borax	●	Formaldehyde	●	Nitric Acid 90%	●	Tetrachloroethane	●
Butane	●	Formic Acid	●	Nitrogen	●	Tetraline	●
Butyl Acetate	●	Freon 12	●	Octane	●	Toluene	●
Butyl Alcohol (Butanol)	●	Freon 22	●	Oleic Acid	●	Transformer Oil	●
Calcium Chloride	●	Fuel Oil	●	Óleum	●	Tricloroethylene	●
Calcium Hydroxide	●	Gasoline	●	Oxalic Acid	●	Trietanolamine	●
Calcium Sulphate	●	Glucose	●	Oxygen	●	Urea	●
Carbon Dioxide	●	Glycerine	●	Pentane	●	Vinyl Acetate	●
Carbon Disulphide	●	Heptane	●	Perchloroethylene	●	Water	●
Carbon Tetrachloride	●	Hydraulic Oil (Glycol)	●	Phenol	●	Xylene	●
Chlorine (Dry)	●	Hydraulic Oil (Mineral)	●	Phosphoric Acid	●		
Chlorine (Wet)	●	Hydraulic Oil (Phosphate Ester)	●	Potassium Acetate	●		
Chloroform	●	Hydrochloric Acid 20%	●	Potassium Carbonate	●		
				Potassium Chlorate	●		

● Recommended

▲ Recommended depends on operating conditions

■ Not recommended