

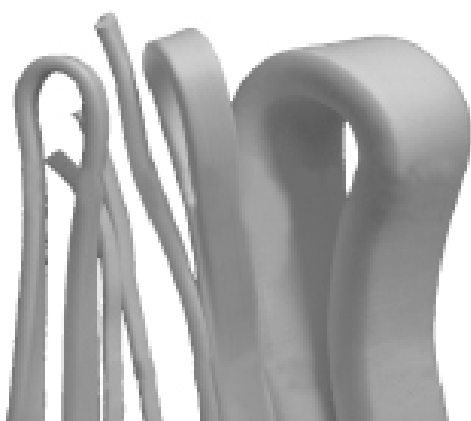


Expanded PTFE Joint Tape

ICP FLON G

Description:

Universal 100% expanded PTFE joint tape composed by 85% expanded PTFE and 15% graphite.



Physical Properties:

PROPERTIES (Thickness 2.5 mm)	STANDARD	VALUE
Density	DIN 28090-1	0.60 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		280 °C / 536 °F
Minimum Temperature		-200 °C / -328 °F
Pressure		210 bar / 3045 psi
pH		0 - 14

Standard Dimensions:

Spool Length (m)	Width x Thickness (mm)
10	20 x 8
10	20 x 10
10	25 x 8
10	25 x 10
10	30 x 10

Applications:

- A high pressure and compression resistance.
- It is resistant to all chemical products and solvents, except alkaline materials in particular conditions.
- It is very compact and it is suitable for applications in presence of friction and compression requirements are needed.



Chemical Resistance

CalvoSealing has a technical department at your service to provide advice and help in the correct choice of material for your specific application.

The information contained in this publication is given in good faith, with the intention of being used as a guide based on our knowledge and experience. The adequacy of the product depends on a number of specific factors for each case. Failure to take them into account can result in serious material or personnel damage. The guarantee and liability are limited to the value of the invoice of the goods supplied. CalvoSealing remains in constant development, so it reserves the right to change the product design and properties without prior notice.

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