

OLIFAN PTFE GAZ VAPEUR

FUNCTIONALITY

100% raw PTFE tape for sealing all types of threaded metal joints, and facilitating their dismantling.

- Sealing of gas circuits (except oxygen) in the chemical, petrochemical, medical and construction industries.
- Sealing of steam circuits.
- Sealing of taps on recipients under pressure (after the pressure valve).

Labels and Accreditation

Complies with the EN 751-3 standard: "sealing materials for threaded joints in contact with gas of the 1st, 2nd and 3rd families and hot water – Part 3: unsintered PTFE strips"

Technical characteristics

Specifications	Characteristics:
Colour	White
Width	12 and 19 mm
Thickness	0.1 mm
Density	1
Surface density	100 g/m ²
Type of thread	Suitable for tapered/cylindrical and tapered/tapered threads (ISO 7-1)
Maximum pressure / maximum temperature	15 bars and maximum temperature according to the gas (see table below) PTFE material alone has good dimensional stability from -260°C to +260°C.
Pressurisation	Immediate
Repositioning	No (Pay attention, for instance, to valves in the vicinity that could cause movement in the joints when they are operated)
Dismantling	Easy

Fluid (liquid)	Maximum recommended temperature
Acetylene	95°C
Nitrogen	95°C
Butane	150°C
Natural gas	250°C
Propane	150°C
Steam	230°C

* Temperatures are given in good faith. Considering the number of materials, the differences in quality and the variety of methods of working, we recommend that users carry out tests in the actual usage conditions before using the product.

Application

Preparation

- Joints should be clean, dry and degreased.

Instructions for use

- Wrap the tape around the male threads, in the direction of screwing up, overlapping it by 50%.
- Take care not to pull too hard on the product when wrapping it.
- When covering is finished, cut the tape and wrap the end onto the threads.
- Apply a tension of 50 to 300 Nm according to the application.
- Instant repressurisation.

Consumption

Approximate number of joints sealed with 1 metre of tape (*)	Tape 12 mm wide	Tape 19 mm wide
3/8"	8	13
1"	3	5

(*) The EN 751-3 standard requires a 50% overlap when wrapping the tape regardless of the thickness and density of the tape. Consequently, tape consumption only depends on its width.

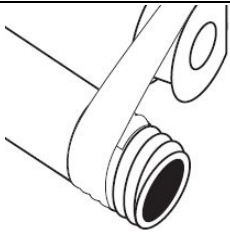
Tip

The information contained on the technical datasheet is provided in all good faith and results from measurements made in our laboratory. Given the number of materials, differences in quality and diversity of working methods, we recommend that users perform tests prior to application under actual conditions of use.

This document may be amended in keeping with product development and the state of our knowledge without prior notice and therefore it is recommended to check that you have the latest version before use.

The safety datasheet is available online at www.quickfds.com

GEB SAS - CS 62062 - Tremblay en France
 95972 Roissy Charles de Gaulle Cédex - France
 Phone. (33) 01 48 17 99 99 - Fax (33) 01 48 17 98 00
 SIREN No: 500 674 056



Holding the reel as shown in the diagram above avoids the need to unroll too much tape when applying it.

Storage

Store at a temperature of between -50°C and +50°C.

The expiry date on the packaging is for unopened product, stored at 20°C in normal hygrometry conditions.

SELECTION GUIDE

		EAU (chaude et froide sanitaire / eau de chauffage / eau potable)		AUTRES FLUIDES	GAZ	
		Filetages fins ou neufs	Filetages grossiers	Produits chimiques et hydrocarbures	Gaz / vapeur	Oxygène
Ruban PTFE	standard					
	spécial gros diamètre					
Olifan PTFE	haute densité					
	gaz/vapeur					
	oxygène					

For handmade or damaged threads, use Olifan PTFE haute densité

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		WATER (sanitary, hot	and cold/heating water/drinking water)	OTHER LIQUIDS	GAS	
		Fine or new thread	Course thread	Chemical products and hydrocarbons	Gas/steam	Oxygen
Ruban PTFE	standard					
	spécial gros diamètre (special wide diameter)					
Olifan PTFE	haute densité (high density)					
	gaz/vapeur (gas/steam)					
	oxygène (oxygen)					

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