TUYAU HAUTE RESISTANCE POLYSIL®

HIGH RESISTANCE HOSE POLYSIL®



Gillain & Co

HYGIENIC EQUIPMENT FOR FOOD & LIFE SCIENCES

GECI Tech

RACCORDS & FLEXIBLES

Gillain & Co NV | Boomsesteenweg 85, B-2630 Aartselaar | Tel. +32 3 870 60 80, Fax +32 3 870 60 89 | advice@gillain.com | www.gillain.com

TUYAU HAUTE RESISTANCE POLYSIL ®
HIGH RESISTANCE HOSE POLYSIL ®

CARACTERISTIQUES - *CHARACTERISTICS*

- Tube int rieur - *Inner bore :*	PFA lisse - *Smooth PFA*
- Renfort - *reinforcement :*	Renforts textiles et spirale acier inoxydable noy es dans le silicone *Textile reinforcement and stainless steel wiring submerged in silicone*
- Rev tement ext rieur *Outer surface :*	Silicone blanc catalyse platine *White platinum cured silicone*
- Validation *:*	FDA 21 CFR 177-1550, USP Physicochemical 661, Cytotoxicity test, Hemolysis, USP class VI
- Longueur standard de fabrication : *Regular manufactured length :*	5,70 m tres (±2%) - *18,70 feet (±2%)*
- Tenue au vide - *Vacuum proof up :*	90%
- Nettoyage - *Cleanning :*	Produits CIP, st rilisation vapeur (135 C pendant 30 minutes maximum) Le tuyau Polysil est autoclavable *CIP products, sterilization system by steam (275°F for a maximum of 30 minutes) The Polysil® hose can be also autoclaved*

APPLICATIONS

Le tuyau POLYSIL a t labor pour transf rer l ensemble des produits alimentaires, chimiques, cosm tiques, pharmaceutiques et biotechnologiques.
L alliance Silicone / PFA lui conf re d excellentes propri t s thermiques et de tenue aux produits les plus agressives en vitant galement tout risque de migration du produit v hicul .
Il poss de une excellente r sistance en application dynamique (cycles r p t s sur des machines de dosage ou de remplissage).

The POLYSIL hose was specifically developed for use in transfer of food, chemical, cosmetic, pharmaceutical and biotechnological products. The combination Silicone/PFA gives to this product excellent thermal properties even for the most aggressive ones, avoiding any risk of hose contamination for the products conveyed.
The POLYSIL hose is highly resistant to repetitive (dynamic cycling typically found in dosing or filling machine applications).

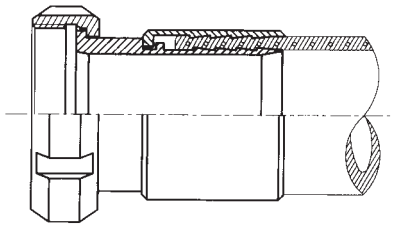
Ø Int *Inner Ø*		Ø Ext. *Outer Ø*		R.C *Bending radius*		PS* *WP**		P.E.* *BP**		Poids *Weight*	
mm	*inch*	mm	*inch*	mm	*inch*	bar	*psi*	bar	*psi*	Kg/m	*lb/f*
13	0,51	23,5	0,92	95	3,74	10	145	40	580	0,39	0,26
16	0,63	27,0	1,06	110	4,33	10	145	40	580	0,50	0,34
20	0,78	31,3	1,23	135	5,31	10	145	40	580	0,63	0,42
25	1,00	37,5	1,47	140	5,51	10	145	40	580	0,90	0,60
32	1,25	45,0	1,77	190	7,48	10	145	40	580	1,20	0,81
38	1,50	51,5	2,03	220	8,66	10	145	40	580	1,35	0,91
51	2,00	65,0	2,56	250	9,84	10	145	40	580	1,90	1,28
63	2,50	79,0	3,11	308	12,13	10	145	40	580	2,40	1,61

Les valeurs ci-dessus sont donn es temp ratures ambiantes et peuvent varier en fonction des conditions d utilisations.
The above informations are given for ambient temperature and may vary according to working conditions.
***PS : Pression de service**. **WP : Working pressure* / ***P.E. : Pression d clatement.** **BP : Bursting pressure.*
Tol rance dimensionnelle: ± 0,5mm / *Dimension tolerance: ± 0,02 inch*

POSSIBILITE DE RACCORDEMENT - *ASSEMBLY POSSIBILITY*

- Par embouts sertis en inox 316L monoblocs sans soudure suivant le syst me **NRS™** (Non Retention System).
  *With 316L stainless steel swaged fittings monoblocs (without welding), according to the **NRS™** concept (Non Retention System).*
- Tout type de raccordement possible : SMS, DIN, CLAMP, RJT, ISS, FIL, GAZ, NPT, JIC, BRIDES, etc...
  All kinds of connections available: SMS, DIN, CLAMP, RJT, ISS, FIL, GAZ, NPT, JIC, FLANGES, etc...

Concept NRS™
NRS ™ Concept



™ Marques d pos es de GECI - *GECI registered trade mark*

DISTRIBUTEUR RÉGIONAL
AREA DISTRIBUTOR

QUALITE DE FINITION *FINISHED QUALITY*

Les raccords **GECITECH** ainsi que les flexibles assembl s sont identifi s unitairement et ceci pour deux raisons :
*Each **GECITECH** fitting as well as the hoses are identified in a unique way for two reasons:*

- Garantie de l'assemblage / *Assembly guarantee*
- Tra abilit de tous les composants / *Traceability for all components.*

FAN.0041.02 07/07

DOCUMENT NON CONTRACTUEL POUVANT ETRE MODIFIE SANS PREAVIS / *NO CONTRACTUAL DOCUMENTATION WICH CAN BE MODIFIED ANYTIME*