# TUYAUX SILICONE GSI 75 NT/NTP®

## *SILICONE HOSES GSI 75 NT/NTP®*



Gillain & Co

HYGIENIC EQUIPMENT FOR FOOD & LIFE SCIENCES

GECI Tech

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# TUYAUX SILICONE GSI 75 NT/NTP®
## *SILICONE HOSES GSI 75 NT/NTP®*

Toute la gamme GSI est élaborée à partir de silicone catalyse platine - *The complete GSI range is produced with platinum cured silicone*

| | |
|---|---|
| - Matière / *Material* : | Silicone blanc lisse (version NT) ou naturel (version NTP) / *Smooth white silicone (NT version) or natural (NTP version)* |
| - Renfort / *reinforcement* : | Renforts textiles et double spirale en acier inoxydable noyées dans le silicone / *Textile reinforcement and double stainless steel wiring submerged in silicone* |
| - Longueur standard de fabrication / *Regular manufactured length* : | 5,70 mètres (±2%) / *18,70 feet (±2%)* |
| - Température maximum d'utilisation / *Working temperature range* : | De -60°C à +180°C - *from -76°F to 356°F* |
| - Validation / *Certification* : | ***GSI NT & GSI NTP***: FDA 21CFR – 177 2600, BgVV Type II, USP Physicochemical 661, Cytotoxicity test<br>***GSI NTP*** : Hemolysis, Européene Pharmacopée 3.1.9., USP class VI |

## CARACTERISTIQUES - *SPECIFICATIONS*

- Process automatisé en salle blanche et conforme aux normes internationales - *Automatic processing in clean room in accordance with international regulation*
- Tuyau robuste totalement extrudé intérieur/extérieur - *Robust hose, fully extruded*
- Tenue en pression améliorée - *Better pressure holding*
- Grande souplesse, faible rayon de courbure - *High flexibility, small bending radius*
- Nettoyage - *Cleaning*: Produits CIP, stérilisation (40 min, 3 bar à 124°C) ou par radiation - *CIP products, sterilization by steam (40 min, 44 psi, 255°F) or by radiation*
- Attention - *Warning* : Pas d'application vapeur en continu – *No continuous steam blow*

## APPLICATIONS - *APPLICATIONS*

- GSI 75 NT : applications alimentaires en silicone platine blanc
- GSI 75 NTP : applications alimentaires, pharmaceutiques, cosmétiques et biotechnologiques en silicone platine naturel

La version GSI 75 est recommandée pour les applications de transfert (y compris en mouvement), de dosage, de pesage et d'absorption des vibrations.
Nous consulter pour compatibilité des fluides et tout produit spécifique.

- *GSI 75 NT recommended for food applications in white platinum cured silicone*
- *GSI 75 NTP recommended for food, pharmaceutical, cosmetic and biotechnological applications in natural platinum cured silicone*

*The GSI 75 version is recommended for the following applications : transfer (including dynamic applications), dosing, loadcells and vibration absorption.*
*Please ask us for advice on compatibility with your application.*

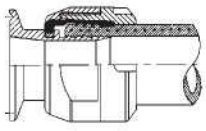
| Ø Int. *Inside diameter Ø* | | Ø ext. *Outside diameter Ø* | | R.C. *Bending radius* | | PS* *WP** | | *PE** *BP** | | Poids *Weight* | | Vide *Vaccum* |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| mm | *Inch* | mm | *Inch* | mm | *Inch* | Bar | *Psi* | Bar | *Psi* | Kg/m | *lb/f* | % |
| 8 | *0,315* | 17,5 | *0,670* | 35 | *1,380* | 20 | *290* | 80 | *1160* | 0,30 | *0,20* | 90 |
| 10 | *0,395* | 19,5 | *0,765* | 35 | *1,380* | 20 | *290* | 80 | *1160* | 0,32 | *0,22* | 90 |
| 13 | *0,510* | 23 | *0,905* | 50 | *1,970* | 20 | *290* | 80 | *1160* | 0,39 | *0,26* | 90 |
| 16 | *0,630* | 27 | *1,065* | 60 | *2,360* | 20 | *290* | 80 | *1160* | 0,50 | *0,34* | 90 |
| 19 | *0,710* | 29 | *1,140* | 70 | *2,755* | 20 | *290* | 80 | *1160* | 0,54 | *0,36* | 90 |
| 20 | *0,785* | 31 | *1,220* | 70 | *2,755* | 20 | *290* | 80 | *1160* | 0,63 | *0,42* | 90 |
| 22 | *0,865* | 34,5 | *1,360* | 90 | *3,540* | 12 | *174* | 48 | *696* | 0,97 | *0,65* | 90 |
| 25 | *1,000* | 37,5 | *1,475* | 100 | *3,935* | 12 | *174* | 48 | *696* | 0,90 | *0,60* | 90 |
| 32 | *1,250* | 45 | *1,770* | 115 | *4,525* | 12 | *174* | 48 | *696* | 1,17 | *0,79* | 90 |
| 38 | *1,500* | 51,5 | *2,030* | 120 | *4,725* | 12 | *174* | 48 | *696* | 1,35 | *0,91* | 90 |
| 51 | *2,000* | 65 | *2,560* | 190 | *7,480* | 12 | *174* | 48 | *696* | 1,90 | *1,28* | 90 |
| 63 | *2,500* | 78 | *3,070* | 230 | *9,055* | 10 | *145* | 40 | *580* | 2,40 | *1,61* | 90 |
| 76 | *3,000* | 91 | *3,585* | 300 | *11,810* | 8 | *116* | 32 | *464* | 3,00 | *2,02* | 90 |
| 102 | *4,000* | 118 | *4,015* | 420 | *16,535* | 6 | *87* | 24 | *348* | 4,30 | *2,89* | 90 |

Informations techniques pour applications à température ambiante (20°C) / *Tecnical information for ambient temperatures based on 70°F*
***PS : Pression de service.** *WP : Working pressure / **PE : Pression d'éclatement.** *BP : Bursting pressure.*
*Tolérance dimensionnelle: ± 0,5 mm / Dimension tolerance: ± 0,5 inch*

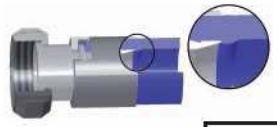
## POSSIBILITÉS DE RACCORDEMENT – *CONNECTIONS AVAILABLE FOR ALL SIZES*

- Par embouts sertis en inox 316L monoblocs sans soudure suivant le système **NRS®** (Non Retention System)
- Avec le raccord inox breveté **MSP®** (Montage sur place)
- Tout type de raccordement possible : SMS, DIN, CLAMP, RJT, ISS, FIL, GAZ, NPT, JIC, BRIDES, etc...

- *The 316L stainless steel swaged fittings are monoblocs (without welding), in accordance with the **NRS®** design (Non Retention System).*
- *Stainless steel fitting with patented MSP® design. Fittings are reusable.*
- *Many kinds of fittings: SMS, DIN, CLAMP, RJT, ISS, FIL, GAZ, NPT, JIC, FLANGES, etc...*



Raccord MSP® breveté
(Montage sur place)
*MSP® patented fittings*
*(Assembly on site)*
Disponible du Ø 13 au Ø 51
*Available from Ø13 to Ø 51*



Concept NRS®
(Non Retention System)
*NRS® Design*
*(Non Retention System)*

® eingetragenes Markenzeichen **GECI** - ® ***GECI*** *registered trade mark*

Distributeur Régional
*Area Distributor*

## QUALITÉ DE FINITION – *FINISHED QUALITY*

Les raccords **GECITECH** ainsi que les flexibles assemblés sont identifiés unitairement et ceci pour deux raisons :
- Garantie de l'assemblage
- Traçabilité de tous les composants

*Each **GECITECH** fitting as well as the hoses are identified in a unique way for two purposes :*
- *Assembly guarantee*
- *Traceability for all components.*

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GECITech RACCORDS & FLEXIBLES
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