



GIMA

TUBI SILICONE
SILICONE TUBE
TUYAU EN SILICONE
TUBO DE SILICONA
TUBO DE SILICONE
ΣΩΛΗΝΑΣ ΣΙΛΙΚΟΝΗΣ

MANUALE D'USO E MANUTENZIONE
USE AND MAINTENANCE BOOK
INSTRUCTIONS DE FONCTIONNEMENT ET ENTRETIEN
MANUAL DE USO Y MANTENIMIENTO
MANUAL DE USO E MANUTENÇÃO
ΕΓΧΕΙΡΙΔΙΟ ΧΡΗΣΗΣ ΚΑΙ ΣΥΝΤΗΡΗΣΗΣ

ATTENZIONE: Gli operatori devono leggere e capire completamente questo manuale prima di utilizzare il prodotto.

ATTENTION: The operators must carefully read and completely understand the present manual before using the product.

AVIS: Les opérateurs doivent lire et bien comprendre ce manuel avant d'utiliser le produit.

ATENCIÓN: Los operadores tienen que leer y entender completamente este manual antes de utilizar el producto.

ATENÇÃO: Os operadores devem ler e entender completamente este manual antes de usar o produto.

ΠΡΟΣΟΧΗ: Οι χειριστές αυτού του προϊόντος πρέπει να διαβάσουν και να καταλάβουν πλήρως τις οδηγίες του εγχειριδίου πριν από την χρήση του.



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ricambio non originali, avarie o vizi causati da negligenza, urti o uso improprio.

GIMA non risponde di malfunzionamenti su apparecchiature elettroniche o software derivati da agenti esterni quali: sbalzi di tensione, campi elettromagnetici, interferenze radio, ecc.

La garanzia decade se non viene rispettato quanto sopra e se il numero di matricola (se presente) risulti asportato, cancellato o alterato.

I prodotti ritenuti difettosi devono essere resi solo e soltanto al rivenditore presso il quale è avvenuto l'acquisto. Spedizioni inviate direttamente a GIMA verranno respinte.



SILICONE TUBE

The silicone tube has a wide range of use in the medical field, its great stability at high and low temperature (-50/+250°C) makes it suitable for several uses. Its typical employment is the liquids or gas conduction, but only and exclusively for EXTERNAL use.

Technical specifications

Raw material: HTV-R-401/60 E - WACKER (D)

Colour: transparent

Strength: 60° ±5% Shore - DIN 53505

Density: 1.17 g/ccm - DIN 53479A

Tension: 10.8 N/mm² - DIN 53504 S1

Extension: 490/530% - DIN 53504 S1

Traction resistance: 34-35 N/mm - ASTM D 624 B

Resilience: 51% - DIN 53512

Compression set: (22h/175°C): 30-15% - DIN 53517

Infrared rays vulcanized

Treated at a temperature of 200°C for 10 hours

Non-sticking, it avoids encrustments and coagulations.

- In addition to the notes in the technical specifications, please check the compatibility of the used fluids and any possible deterioration in the course of time.

- Check that no sharp edge or corner that can cause injuries have been produced, while cutting the tube.

- Check the tube tightness, particularly after several reuses.

- The dimensions of the tube (inner diameter, external diameter and length) must fit the connections and/or the opening where the tube has to be inserted.



- Do not use in a not proper way

- Do not arrange it in an unsuitable way, so to cause danger or impediment.

- Do not knot to close it at one end

- The item is sold NON sterile. Sterilize before using!

The silicone tube can be reused and sterilized. The sterilization of the item can be carried out: in autoclave (135° C – 2.2-2.5 bar – please see details about autoclave), through gamma rays or hot steam at a temperature of 200°C.

The disposal of the item must meet the local standards concerning dangerous medicines waste.

GIMA WARRANTY CONDITIONS

Congratulations for purchasing a GIMA product.

This product meets high qualitative standards both as regards the material and the production. The warranty is valid for 12 months from the date of supply of GIMA.



During the period of validity of the warranty, GIMA will repair and/or replace free of charge all the defected parts due to production reasons. Labor costs and personnel traveling expenses and packaging not included.

All components subject to wear are not included in the warranty.

The repair or replacement performed during the warranty period shall not extend the warranty.

The warranty is void in the following cases: repairs performed by unauthorized personnel or with non-original spare parts, defects caused by negligence or incorrect use.

GIMA cannot be held responsible for malfunctioning on electronic devices or software due to outside agents such as: voltage changes, electro-magnetic fields, radio interferences, etc.

The warranty is void if the above regulations are not observed and if the serial code (if available) has been removed, cancelled or changed.

The defected products must be returned only to the dealer the product was purchased from. Products sent to GIMA will be rejected.

TUYAU EN SILICONE



Le tuyau en silicone couvre un large spectre d'applications dans le secteur médical, sa grande stabilité aux hautes et basses températures (-50/+250°C) fait qu'il est adapté pour les applications multiples. Son domaine d'utilisation typique est celui de la conduite de gaz ou de liquides, mais seulement pour usage EXTERNE.

Caractéristiques Techniques

Matière première: HTV-R-401/60 E - WACKER (D)

Couleur: transparent

Dureté: 60° ±5% Shore - DIN 53505

Densité: 1,17 G/CCM - DIN 53479A

Tension: 10,8 N/MM² - DIN 53504 S1

Extension : 490/530% - DIN 53504 S1

Résistance à la traction: 34-35 N/MM - ASTM D 624 B

Élasticité: 51% - DIN 53512

Déformation rémanente à la compression: (22h/175°C): 30-15% - DIN 53517

Vulcanisation à rayons infrarouges

Traité pendant 10 heures à une température de 200°C

Anti-adhérent, il évite les incrustations et les coagulations.

- Au-delà de ce qui est indiqué dans les caractéristiques techniques, en vérifier la compatibilité avec les fluides utilisés et la détérioration éventuelle dans le temps.

- S'assurer que la coupure du tuyau ne provoque pas la formation d'arêtes ou de bords tranchants qui pourraient provoquer des lésions.

- Contrôler l'étanchéité du tuyau surtout après de nombreuses réutilisations.

- Les dimensions du tuyau (diamètre intérieur, diamètre extérieur et longueur) doivent être compatibles avec les embouts et/ou avec l'orifice dans lequel le tuyau doit être introduit.



- Ne pas l'utiliser de manière impropre

- Ne pas le placer de manière inadéquate qui pourrait être cause de danger ou d'entrave

- Ne pas le nouer pour en fermer une extrémité

- Le produit est vendu NON stérile. Le stériliser avant l'utilisation!