

Replacement tubes for Hose peristaltic pumps

Carrier HCP

Replacement tubes for peristaltic pump reinforced in textile fiber with various types of compounds.

Hose Carrier pumps are equipped with different flexible hoses for first installation or replacement, expressly conceived for the different needs of use, however, all have a common characteristic, the reinforcement structure in textile fiber. The reinforcement structure is made up of layers of rubber alternated with inserts in high-strength synthetic textile fibers. This composition originates the dimensional memory that determines the high pumping effect and the great mechanical resistance of long duration over time. The substrate in contact with the fluid to be pumped is made with compounds or compounds capable of guaranteeing the best chemical compatibility with the products that the Hose Carrier pump will have to treat. The reinforced hoses can be used on our Hose Carrier peristaltic pump, or on those of several other manufacturers.

10 standard sizes are available from 10 mm (3/16 ") to 150 mm (6") diameter, with layers of reinforcement increasing directly with the diameter of the pipe itself. The substrate in contact with the fluid is available in the following materials: natural rubber (NR), natural rubber for food (NRA), nitrile rubber (NBR), nitrile elastomer for food (NBRA) elastomer for hydrocarbons HBNR, elastomer for aggressive substances EPDM, elastomer for aggressive substances Hypalon® (CSM), elastomer for pharmaceutical products (SIL), the available substrates allow the same pump to be used in most industrial applications. Tubes may have colored identification bands for quick identification of construction material or replacement. The lengths can eventually be made to measure for each peristaltic pump.



NR rubber hose, ideal for transferring non aggressive abrasive fluids and with suspended solid bodies. Ideal for the quarrying, ceramic, mining, construction sector. Temperature from -10°C to $+80^{\circ}\text{C}$.



NR rubber hose, for use in the food, wine and cosmetic sectors, compliant with FDA regulations. Temperature from -10°C to $+80^{\circ}\text{C}$.



NBR hose, ideal for transferring oils and fatty fluids (including mineral oils), ideal for the mechanical, ecological and general use sectors. Temperature from -10°C to $+80^{\circ}\text{C}$.



NBRA hose, ideal for the transfer of fatty and oily food products of animal and vegetable origin, ideal for the cosmetic, food, pharmaceutical and oenological sectors. FDA version. Temperature From -10°C to $+80^{\circ}\text{C}$.



HNBR hose suitable for transferring lubricating and mineral oils, fuels and fluids with aromatic content up to 60%, ideal for the chemical, petrochemical and ecological sectors. Temperature from $+15^{\circ}\text{C}$ to $+150^{\circ}\text{C}$.



EPDM pipe ideal for transferring a wide range of chemical products * and corrosive liquids, ideal for the chemical, galvanic and mechanical sectors. Temperature From -10°C to $+100^{\circ}\text{C}$.



CSM rubber hose specifically designed for application on peristaltic pumps. Highly suitable for transferring numerous particularly aggressive chemical products, ideal for the chemical, ecological, galvanic sector. Temperatures From -10°C to $+80^{\circ}\text{C}$.



SIL hose specific for the transfer of high purity fluids (fats, oily, cosmetics and pharmaceuticals) and with alcohol content up to 96%. Pharmaceutical grade validation: compliance according to USP Class VI, EU Pharmacopoeia and FDA Standards. rubber fragments to the fluid conveyed (shoulder) during the life of the tube. Temperatures From -20°C to $+150^{\circ}\text{C}$

(*) To check the chemical compatibility with the various products, consult the Technical Department

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