



# Liveo™ Pharma Molded Assemblies

## Silicone Tubing and Assemblies

Custom moulded silicone assemblies designed for ultra-pure transfer applications in biopharmaceutical and pharmaceutical manufacturing processes.

### APPLICATIONS

Liveo™ Pharma Moulded Assemblies are designed for fluid transfer applications requiring integrated premium quality silicone tubing, moulded silicone connections and customer specified components (when applicable).

### PROPERTIES AND CUSTOMISATION

Properties of Liveo™ Pharma Moulded Assemblies are dependent upon several factors, including:

- Tubing type: Liveo™ Pharma-50 Tubing, Liveo™ Pharma-65 Tubing, Liveo™ Pharma-80 Tubing, and Liveo™ Pharma Advanced Pump Tubing
- Tubing dimensions: Inside diameter, outside diameter, wall thickness
- Connection type: Sanitary flange end, wye (Y), tee (T), reducer, union, cross, stopper
- Assembly design: Length, number of connections, connection type
- Non-silicone components such as thermoplastic connectors, filters, pinch clamps, and other customer-specified components.

Liveo™ Pharma Moulded Assemblies are available in a range of make-to-order configurations.

Please contact your local DuPont sales representative before writing specifications on this product.



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### PACKAGING

Standard packaging includes doublebagging of each assembly in sealed polyethylene bags. Customised packaging options are available; consult your DuPont representative.

### Storage and stability

Shelf life

36 months

### Characteristics

Food contact

FDA 21 CFR

### Additional Information

How to use

Information from “Chemical Resistance Guide For Elastomers IV”, published by Compass Publications, La Jolla, California, can be used as a reference. It is however recommended that the DuPont product be evaluated in the real conditions of use.

### LIMITATIONS

This product is neither tested nor approved for any hospital or patient care use such as for temporary insertion or any in vivo procedures. This product is not to be used in human implantation, or human contraceptive, reproductive, obstetrical or gynecological applications. The user shall hold DuPont harmless from any and all damages resulting from use of this product. It is the sole responsibility of the user to determine the safety and efficacy of this product for any specific use. This product is not tested for specific pharmaceutical or medical device use(s). Should you wish to use this product in a specific pharmaceutical or medical device application, please contact DuPont to discuss such potential use. It remains the User’s responsibility to ensure the safety, efficacy and legal and regulatory compliance in each relevant jurisdiction (including targeted geographic regions of manufacture and supply) of these materials for its intended uses. DuPont makes no representation concerning the suitability of these products for any particular medical or pharmaceutical application. Under no circumstances should these materials be considered for implantation into the human body for periods that exceed 30 days in duration.

### Safety warning



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## Silicone Tubing and Assemblies

Before handling, please consult the corresponding material safety data sheets. These are available upon request or can be downloaded from our DuPont website :

### Chemical Media Resistance

#### Sterilisation methods

- ✓ Autoclave Steam, 30min at 120°C
- ✓ Gamma Radiation, 50 kGy

#### Symbols used:

- ✓ possibly resistant  
Defined as: Supplier has sufficient indication that contact with chemical can be potentially accepted under the intended use conditions and expected service life. Criteria for assessment have to be indicated (e.g. surface aspect, volume change, property change).
- ✗ not recommended - see explanation  
Defined as: Not recommended for general use. However, short-term exposure under certain restricted conditions could be acceptable (e.g. fast cleaning with thorough rinsing, spills, wiping, vapor exposure).

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