



THERMOPLASTIC TUBING AND HOSES

# SERVICE PLUG



HYDRAULIC & INDUSTRIAL LINE

Manufactured by



FOOD LINE

**SERVICE PLUG** è un innovativo e pratico sistema per i professionisti della manutenzione e in generale per tutti gli operatori tecnici. Studiato per eliminare la fuoriuscita di oli o sostanze chimiche dai tubi, **SERVICE PLUG** evita la contaminazione dei tubi e dei fluidi durante le operazioni di manutenzione e pulizia degli impianti. Inoltre, contribuisce a salvaguardare l'ambiente e mantenere pulite le aree di lavoro.

Due versioni: di COLORE VERDE per il settore oleodinamico e industriale, di COLORE BIANCO, in materiale compatibile per l'industria alimentare.

### Caratteristiche

- Temperatura di esercizio: da - 25° C a + 90° C
- Resistente ai maggiori oli e sostanze chimiche (vedi tabella sul retro)
- Per sistemi non pressurizzati
- Non contengono silicone
- I tappi sono solidi, ma è possibile tagliarli se necessario
- Sono riutilizzabili più e più volte
- Linea alimentare: sono realizzati con materiali idonei al contatto con alimenti, resistenti all'alcol

**SERVICE PLUG** is an innovative system for maintenance operations on production lines.




This solution has been developed to prevent fluids leakage, but especially to avoid possibility of contamination on hoses, pipes, systems during maintenance or line cleaning operations. Moreover **SERVICE PLUG** helps to protect the environment and to maintain clean workspaces.

Two versions: **GREEN COLOR** for hydraulic and general industrial applications, **WHITE COLOR** for food industry, made of compatible materials.

### Features

- Temperature range: - 25° C to + 90° C
- Resistant to most oils and chemicals (see table on the next page)
- For non-pressurised system only
- Does not contain silicone
- Plugs are solid and can be cut if necessary
- Re-usable
- Food line - made of food approved material, resistant to alcohol

### Modelli disponibili / Available sizes

| Tappo Plug                        | MICRO   | STD  | XL  |
|-----------------------------------|---|--|---|
|                                   | Ø from 1 to 10 mm   | Ø from 5 to 22 mm  | Ø from 13 to 42 mm  |
| Diametro tubo<br>Hose<br>diameter |  |  |  |

## Guida della compatibilità chimica / Chemical Resistance Guide

### Chemical Resistance

|                                   |                   |
|-----------------------------------|-------------------|
| Acid, Diluite                     | Good              |
| Acid, Concentrated                | Poor to Fail      |
| Acid, Organic (diluite)           | Good              |
| Acid, Organic (concentrated)      | Poor              |
| Acid, Inorganic                   | Fair to Good      |
| Alcohol's                         | Fair to Good      |
| Aldehydes                         | Poor to fail      |
| Alkalies, Diluite                 | Good              |
| Alkalies, Concentrated            | Poor to Good      |
| Amines                            | Poor              |
| Animal & Vegetable Oils           | Good to Excellent |
| Brake Fluids, Non-Petroleum Based | Poor              |
| Diester Oils                      | Fair to           |
| Esters, Alkyl Phosphate           | Poor              |
| Esters, Aryl Phosphate            | Poor to Fair      |
| Ethers                            | Poor              |
| Fuel, Aliphatic Hydrocarbon       | Good to Excellent |
| Fuel, Aromatic Hydrocarbon        | Fair to Good      |
| Fuel, Extended (Oxygenated)       | Fair to Good      |
| Halogenated Solvents              | Poor              |
| Hydrocarbon, Halogenated          | Poor to Fair      |
| Ketones                           | Poor              |
| Lacquer Solvents                  | Fair              |
| LP Gases & Fuel Oils              | Excellent         |
| Mineral Oils                      | Excellent         |
| Oil Resistant                     | Good to Excellent |

|                        |                   |
|------------------------|-------------------|
| Petroleum Aromatic     | Good              |
| Petroleum Non-Aromatic | Excellent         |
| Refrigerant Ammonia    | Good              |
| Silicone Oil           | Good              |
| Solvent Resistant      | Good to Excellent |

### Thermal Properties

|                                     |                    |
|-------------------------------------|--------------------|
| Low Temperature Range               | - 55°C to - 15°C   |
| Minimum for Continuous Use (static) | - 40°C             |
| Brittle Point                       | - 55°C to - 15°C   |
| High Temperature Range              | + 100°C to + 125°C |
| Maximum for Continuous Use (static) | + 125°C            |

### Environmental Performance

|                       |                   |
|-----------------------|-------------------|
| Colorability          | Excellent         |
| Flame Resistance      | Poor              |
| Gas Permeability      | Fair to Excellent |
| Odor                  | Good              |
| Ozone Resistance      | Fair to Good      |
| Oxidation Resistance  | Good              |
| Radioation Resistance | Fair to Good      |
| Steam Resistance      | Fair to Good      |
| Sunlight Resistance   | Poor to Good      |
| Taste Retention       | Fair to Good      |
| Weather Resistance    | Fair to Good      |
| Water Resistance      | Good to Excellent |

### Confezioni / Package

Colore verde per settore oleodinamico e industriale, colore bianco per settore alimentare  
*Green for hydraulics and industrial line, white for food line*

| MIXBOX<br>4 MICRO + 4 STD + 2 XL                  | 20 MICRO            | 10 STD              | 4 XL                |
|---|---------------------|---------------------|---------------------|
| <p>2x Ø 13 - 42    4x Ø 5 - 22    4x Ø 1 - 10</p> | <p>20x Ø 1 - 10</p> | <p>10x Ø 5 - 22</p> | <p>4x Ø 13 - 42</p> |

### Istruzioni / Instruction

#### 1. Inserire / Insert



#### 2. Spingere / Push



#### 3. Spingere e girare / Push and Twist



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