

 <b>MERLETT</b>	<b>SEZIONE LABORATORIO MATERIALI CHIMICO-PLASTICI</b>	<b>DATA:</b> 19.05.16	<b>FOGLIO N°:</b> 1	<b>X PROVA N°:</b> <b>Consigli per la pulizia dei tubi MERLETT a contatto con alimenti ed. 1</b>
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## RELAZIONE ESITI PROVE

Recommendations for the cleaning of the inside layer of MERLETT hoses which are used in contact with foodstuffs

**This document replaces the edition "0" of 14.3.2012**

Various tests have been carried out to simulate the cleaning of the inside layer of different MERLETT hoses which are suitable for contact with foodstuffs. We have summarized our practical experiences, information received from customers or end users, above all in the field of wine and oil.  
 These are only recommendations which refer to the laboratory conditions indicated. It is responsibility of the customer to verify that the practical conditions don't differ from the ones indicated.  
 This document refers only to the inside layer, without involving the ends of the hose.

First of all, the customer who wishes to clean a Merlett hose, must consult the last edition of the chemical resistance table (ED. 03 of 2.5.2016) and verify that the cleaning agent doesn't attack the inside layer of the hose. Obviously it is responsibility of the customer and absolutely not of MERLETT, that the cleaning product used doesn't damage the foodstuff which passes through the hose after the cleaning.  
 In the "washing" instructions we didn't indicate intentionally the pressure. In safety conditions, it is not possible to simulate at the same time the behavior of the pressure, of the attack of chemical substances and of temperatures over 23°C. At present we cannot give any guarantee on putting the hose under pressure during the cleaning phase,

**913023.....00 SUPERFLEX PU PLUS H, 913064.....00 SUPERFLEX PU PLUS HM/R.**

*Successive washings at 23°C with aqueous solution of citric acid at 10% and aqueous solution of caustic soda at 3%.  
 Attention: in general the PU (not only the grades used by MERLETT) is sensitive to the attack of strong acids and alkali. The washing described might reduce the lifetime of the product, especially if it is repeated many times.*

**912843.....00 VACUPRESS ENO PHF/ 912904.....00 VACUPRESS SUPERELASTIC.**

*Passage of not-saturated steam, not under pressure, at 100°C for 10 minutes.*

**913042.....00 VACUPRESS FOOD**

*See VACUPRESS ENO/SE. Attention: in general the thermoplastic rubbers (not only the grades used by Merlett) are sensitive to the steam: after many hours of consecutive contact (not less than a thousand) these materials tend to lose their mechanical properties and then to break up especially if there are copper ions (for example if there are copper fittings) and fats.*

**913040.....00 ARMORVIN HNA.**

*Successive washings at 23°C with aqueous solution of citric acid at 10% and aqueous solution of caustic soda at 3%.*

**911277.....00 NEVADA PHF / 911020.....00 LUISIANA / 913044.....00 VACUPRESS CRISTAL / 915020.....00 RAGNO CR. / 912852.....00 IBERFLEX FDA PHF / 912833.....19 IBERFLEX F.D.A. / 915165.....QP (QQ) SUPER RAGNO N ACQUA**

*see ARMORVIN HNA*

 <b>MERLETT</b>	<b>SEZIONE LABORATORIO MATERIALI CHIMICO-PLASTICI</b>	DATA: 19.05.16	FOGLIO N°: 2	<b>X PROVA N°:</b> Consigli per la pulizia dei tubi MERLETT a contatto con alimenti ed. 1
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**CLEANING PROCEDURES NOT RECOMMENDED**

**SUPERFLEX PU PLUS H, SUPERFLEX PU PLUS HM/R and other hoses** in PU: *passage of steam in general*