

472 OO - GENERAL PURPOSE FOOD QUALITY - PVC
EU 10/2011 A+B+C – AS



USE:	GENERAL PURPOSE FOOD QUALITY- MAX 20% DELIVERY STERILIZE WITH 5 % SODA SOLUTION.
TUBE:	TRANSPARERNT PVC
REINFORCEMENT:	HIGH TENSILE TEXTILE CORDS
COVER:	TRANSPARENT PVC - ABRASION AND OZONE RESISTANT
WORKING TEMPERATURE:	-5°C +60°C (+23°F +140°F)
SAFETY FACTOR:	3:1

We hereby declare that the Alfagomma Hose 472 OO - GENERAL PURPOSE FOOD QUALITY - PVC is suitable to be used with the following products;

- Acqueous food;
- Moist food products with pH > 4.5 and food products containing alcohol up to 10%;
- Acid food products with pH<4.5;
- Food products containing alcohol up to 20% and those foods which contain a relevant amount of organic ingredients that render the food more lipophilic;

In particular the hose is suitable for contact with aqueous foods, acid and alcohols (up to 20%) for which there are simulants A,B and C for repeated contact of up to 10 days at a maximum temperature of 40°C

(For the designation of the food we chose the product or classes from the group categories listed in Directive 85/572 /EEC), adopted by the Ministerial Decree No. 220 of 26/04/1993 and later updates and amendments – see note at the end of the document on the Article 23 of Reg (EU) No. 10/2011).

In compliance with the following EU legislation:

- Regulation (EC) No. 1935/2004;
- Regulation (EU) No. 10/2011 and subsequent updated and amendments;
- Regulation (EC) No. 2023/2006;

And the following Italian Law;

- Ministerial Decree 21/03/1973 and its updates and amendments;

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The hose mentioned is manufactured exclusively with substances (monomers, pigments and additives) listed in the positive lists contemplated by the European Reg. 10/2011.

The above hose contains substances subjected to restrictions in the aforementioned laws which are listed below:

Name	No Ref	No CAS	Type of limit and value	Restrictions and/or specifications
Zinc salt	-	-	SML = 25mg/Kg expressed as zinc	-
polyethylene waxes, oxidised	80077	0068441-17-8	SML = 60 mg/Kg.	-
Soybean oil epoxidised	88460	008013-07-8	SML = 60.0 mg/Kg	SML = 30 mg/Kg In the case of PVC gaskets used to seal glass jars containing infant formulae and follow-on formulae as defined by Directive 2006/141/EC or processed cereal-based foods and baby foods for infants and young children as defined by Directive 2006/125/EC, the SML is lowered to 30 mg/kg. Oxirane < 8 %, iodine number < 6.
terephthalic acid, bis(2-ethylhexyl)ester	92200	006422-86-2	SML = 60.0 mg/Kg	SML (T) = 60 mg/kg

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Test Conditions:

Simulant A: Acetic Acid 3%	Time and Temperature ; 10 days at 40°C (repeated use)
Simulant B: ethanol 10%	Time and Temperature ; 10 days at 40°C (repeated use)
Simulant C: ethanol 20%	Time and Temperature ; 10 days at 40°C (repeated use)

The overall migration limit, together with other specific restrictions to which the monomers and/or additives present in the material may be subjected, are met in the above conditions of use


There are no substances in the hose governed by regulations (EC) No. 1333/2008 and 1334/2008 and its amendments.

(substances called "Dual use").

According to experimental data and/or theoretical calculations such substances comply with the requirements of Article 11 of Regulation (EU) No. 10/2011 par. 3 letters a and b of DM 21/03/1973.

The user of the hose intended for contact with food is responsible for informing the company in writing of any restriction due to the characteristics of the ingredients) presence of additives and flavourings) of the food product to be transported.

This declaration is valid for 24 months from the date above and will be substituted in advance in the event of changes in production /formulation of the material or if the legislative references are modified and updated so as to require a new check for compliance.


Industrial Hose Division
Factory Quality Manager

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