// FULL COMPLIACE WITH EUROPEAN REGULATIONS

Alfagomma offers a wide range of rubber and PVC hoses for food transfer fully complying with the existing regulations for materials in contact with food:

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General requirements for materials that come into contact with food. Alfagomma food hoses are specifically developed to meet the migration limits so as not to endanger human health, change the food composition or deteriorate the taste and odour of food.

∏[™] EC 2023/2006

Good manufacturing practice for materials and articles intended to come into contact with food Alfagomma has thorough quality assurance and control systems

∏i EU 10/2011

Requirements for plastic materials, restrictions on the use of phtalates, use of specific simulants depending on food types:

	SIMULANT	FOOD
А	ethanol 10%	aqueous foods
В	acetic acid 3%	acidic foods
С	ethanol 20%	alcoholic foods up to an alcoholic content of 20%
D1	ethanol 50%	alcoholic foods with an alcoholic content of above 20% and milk products
D2	vegetable oil	fat foods
Е	MPPO (Tenax)	dry foods

Alfagomma PVC food hoses are totally phthalate free.

\mathcal{R} NATIONAL LEGISLATIONS OF EU MEMBER STATES

Alfagomma rubber food hoses are tested by approved external laboratory according to the most important european national provisions.

According to EC 1935/2004, the full range of AG food hoses bear the "glass and fork" $\nabla \overline{l}$ symbol on the brand.



// HOSE IDENTIFICATION TABLE

		TECHNICAL FEATURES AND NORMS									
	HOSE	TUBE	MAX TEMP. (°C)	WP (bar)	STERILIZATION	PHTHALATE FREE	FDA TITLE 21	2004/1935 EC	10/2011 EC	2006/2023 EC	FRANCE 1994/11/09 CAT. D
PVC HOSE											
0	49000	PVC	+60		5% Soda						
	49200	PVC	+60	Max 20	5% Soda	٠	٠	٠	A+B+C		
	4660L	PVC	+60	Max 8	5% Soda			٠	A+B+C	٠	
	4680H	PVC	+60	Max 7	5% Soda	•	•	٠	A+B+C	٠	
(International (III))	47200	PVC	+60	Max 15	5% Soda			•	A+B+C	•	
	395BT	PVC	+70	50				•	A+B+C	•	
RUBBER HOSE	1	1				1			1		
	350LE	EPDM	+165	15 Water 6 Steam							
	452LH	NR	+80	10	Steam 110°C / 10' 5% Soda			٠		٠	IANESCO
	402LH	NR	+80	10	Steam 110°C / 10' 5% Soda			٠		٠	IANESCO
	410LL	CIIR	+80	16	Steam 130°C / 30' 5% Soda	•		٠		٠	IANESCO
	412LE	NR	+80	10	Steam 110°C / 10' 5% Soda			•		•	IANESCO
	418LE	NR	+80	10	Steam 110°C / 10' 5% Soda			•		•	IANESCO
	455LE	NBR	+80	10	Steam 130°C / 30' 5% Soda			•		٠	
	405LE	NBR	+80	10	Steam 130°C / 30' 5% Soda						
	417LE	NBR	+80	16	Steam 130°C / 30' 5% Soda			•		•	
	5090E	UPE	+100	16	Steam 110°C / 10' 5% Soda			•	A+B+C+D2	•	
	903LE	EPDM	+180	10	Steam 130°C / 30' 5% Soda						
	720LA	NR	+80	10	5% Soda						
	760LA	NR	+80	5	5% Soda						

DAIRY INDUSTR ALCOHOLIC BEVERAGES ITALY D.M. 21/03/73 MILK MIL COLLECTING TRANSI ≤**20%** ≤50% ≤75% ≤95% • • \blacklozenge CERISIE • CERISIE CERISIE \blacklozenge •

RY	FOOD IN	CLEANING			
ILK Sport	JUICES, SODAS, Sauces, Soups with Acidity content	LIQUID FOOD	FAT FOOD	BULK FOOD	FOOD ENVIRONMENT

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