

// FULL COMPLIANCE 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:

EC 1935/2004

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

EU 10/2011

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

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

ALFAGOMMA PVC food hoses are totally phthalate free.

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”  SYMBOL ON THE BRAND.













// HOSE IDENTIFICATION TABLE

HOSE	TUBE	TECHNICAL FEATURES AND NORMS										ALCOHOLIC BEVERAGES				DAIRY INDUSTRY		FOOD INDUSTRY				CLEANING
		MAX TEMP. (°C)	WP (bar)	STERILIZATION	PHTHALATE & BPA FREE	FDA TITLE 21	A 18-03	2004 2006 2023 E	10/2011 EC	FRANCE 1994/11/09 CAT. D	ITALY D.M. 21/03/73	≤20%	≤50%	≤75%	≤95%	MILK COLLECTING	MILK TRANSPORT	JUICES, SODAS, SAUCES, SOUPS WITH ACIDITY CONTENT	LIQUID FOOD	FAT FOOD	BULK FOOD	FOOD ENVIRONMENT

PVC HOSE

	49000	PVC	+60		5% Soda	●	●											●				
	49200	PVC	+60	Max 20	5% Soda	●	●	●	A+B+C			●						●				
	4660L	PVC	+60	Max 8	5% Soda	●	●	●	A+B+C			●						●				
	4680H	PVC	+60	Max 7	5% Soda	●	●	●	A+B+C			●						●				
	47200	PVC	+60	Max 15	5% Soda	●	●	●	A+B+C			●						●				
	395BT	PVC	+70	40		●		●	A+B+C									●				●

RUBBER HOSE

	400LE EVOLUTION	NBR	+120	+10	Steam 130°C / 30' 5% Soda	●	●	Class II	●				●		●	●	●	●	●			
	350LE	EPDM	+165	15 Water 6 Steam		●	●	Class III	●				●					●				●
	452LH	NR	+80	10	Steam 110°C / 10' 5% Soda	●	●		●				●					●				
	402LH	NR	+80	10	Steam 110°C / 10' 5% Soda	●	●		●				●					●				
	410LL	CIIR	+108	16	Steam 130°C / 30' 5% Soda	●	●	Class IV	●				●				●	●				
	412LE	NR	+80	10	Steam 110°C / 10' 5% Soda	●	●		●					●	●			●				
	418LE	NR	+80	10	Steam 110°C / 10' 5% Soda	●	●		●					●	●			●				
	455LE	NBR	+100	10	Steam 130°C / 30' 5% Soda	●	●	Class II	●				●				Max Temp. +80 °C	●	●			
	405LE	NBR	+100	10	Steam 130°C / 30' 5% Soda	●	●	Class II	●				●				Max Temp. +80 °C	●	●			
	417LE	NBR	+100	16	Steam 130°C / 30' 5% Soda	●	●	Class II	●				●				Max Temp. +80 °C	●	●			
	720LA	NR	+80	10	5% Soda	●	●														●	
	760LA	NR	+80	5	5% Soda	●	●														●	