



Industrie Plastiche Lombarde S.p.A.

Data: 19/01/2011

List Products manufactured by IPL, factory in Besozzo, intended to come into contact with foodstuffs.

Reference regulations: DM 21.3.73 as emended, Reg. EC 1935/2004, Directive 2002/72/EEC as emended, EC Reg. 2023/2006.

Product	Code	Simulant				Milk	Dry food
		A	B	C	D		
Arianna BIO	B1	Yes	Yes	Yes	NO	NO	SI
Plutone BIO	B2	Yes	Yes	Yes	NO	NO	SI
Plutone Press BIO	B3	Yes	Yes	Yes	NO	NO	SI
Plutone PF	PF	Yes	Yes	Yes (50%)	NO	Yes	SI
Nettuno	NE	Yes	Yes	Yes	NO	NO	SI
Bacco	BA	Yes	Yes	Yes (30%)	NO	NO	SI
Nettuno PU	NP	Yes	Yes	Yes	Yes	NO	SI
Gemini 2	GE	Yes	Yes	Yes	Yes	NO	SI
Vulcano PU R	VR	NO	NO	NO	NO	NO	SI
Vulcano PU Z	VZ	NO	NO	NO	NO	NO	SI
Vulcano PU ZR	ZR	NO	NO	NO	NO	NO	SI
Vulcano BIO TPU R	RB	NO	NO	NO	NO	NO	SI
Vulcano H ET	VK	Yes	Yes	Yes	Yes	NO	SI
Vulcano HD ET	VO	Yes	Yes	Yes	Yes	NO	SI
Vulcano HDS ET	VI	Yes	Yes	Yes	Yes	NO	SI
Eolo PU Food	EU	Yes	Yes	Yes (50%)	Yes	Yes	SI
Eolo PUP Food	EP	Yes	Yes	Yes (50%)	Yes	Yes	SI
Zeus PU Food	ZE	Yes	Yes	Yes (50%)	Yes	Yes	SI
Ulisse	UL	Yes	Yes	Yes (50%)	Yes	Yes	SI



Pharmaceutical line

Product	Code	A	B	Simulant C	D	Milk	Dry food
Plutone PU PRESS	PN	Yes	Yes	Yes	Yes	NO	Yes
Pharma Press	HA	Yes	Yes	Yes (50%)	Yes	Yes	Yes
Pharma Press HT	HH	Yes	Yes	Yes (50%)	NO	Yes	Yes
Pharma Steel Press HT HT		Yes	Yes	Yes (50%)	NO	Yes	Yes
Pharmasteel	HS	Yes	Yes	Yes (50%)	Yes	Yes	Yes
Pharmasil/TPU	PI	Yes	Yes	Yes	Yes	NO	Yes

Notes

- The classes above are purely on ratings of suitability for food contact only, so do not exempt the user from making the evaluation of the suitability of the product technology and the purpose for which intended.**
- The hoses Vulcano H ET, ET HD, HDS ET, Eolo PU Food and Eolo PU PU-P Food are suitable for food, as well as dry, including foods for which the use of simulants are prescribed (ie products liquid) with the limitations as per the table above. With regard to the performance limits it is necessary to refer to the catalogue technical data in order to ensure the suitability of the product technology and the purpose for which intended.

3. Simulants

A (distilled water)	For aqueous foods - pH > 4,5
B (acetic acid 3%)	For acidic foods - pH <4,5
C (ethanol 15%)	For aqueous foods with alcohol content 15% (or otherwise, with content indicated in brackets)
D (olio oliva)	For fatty foods
Ethanol 50% in water solution	For milk and milk products
None	For solid dry foods

- Hoses of Food/Medicale/Pharmaceutical line are also conform to FDA CFR 21 and USP Class VI (as for information sheet)
- Plutone PF, Vulcano PU 09, 12, 15 ET and hoses Arianna BIO, Plutone BIO and Plutone Press BIO are also conform to FDA CFR 21