

DECLARATION OF COMPLIANCE FOR MATERIALS AND ARTICLES INTENDED TO COME INTO CONTACT WITH FOOD

1. We hereby certify that the supplied hose REFITTEX CRISTALLO AL

(notes and/or simulants used in the migration tests, as indicated in point 3 of this declaration, allow to determine foodstuffs which may come into contact with the product according to the Directive 85/572/EC and D.M. 26/04/1993, n°. 220 and following revisions and amendments)

comply

with all relevant regulations, and particularly with the following:

- Regulation 1935/2004/EC,
- Regulation 1895/2005/EC,
- Directive 2002/72/EC, 2007/19/EC and following amendments.

And with the following Italian Regulations:

- D.M. 21/03/1973 and following revisions and amendments,
- DPR 777/82 and following revisions and amendments.

2. The abovementioned product is manufactured with the following materials suitable for food contact:

- Inside layer made of PVC plasticized (contact side).
- Reinforcement in polyester thread.
- Outside layer made of PVC plasticized.

3. We certify that:

- The article contains substances which are subject to restrictions in the abovementioned regulations and it meets the overall migration limits and specific migration limits under the following test condition:
 - Simulant A: WATER (for aqueous foodstuff).
Testing time and temperature: 10 days at 40°C,
 - Simulant B: AQUEOUS SOLUTION OF ACETIC ACID at 3% p/v (for acid foodstuffs).
Testing time and temperature: 10 days at 40°C,
 - Simulant C: AQUEOUS SOLUTION OF ETHANOL at 10% p/v (for alcoholic foodstuffs).
Testing time and temperature: 10 days at 40°C.

The product complies with the overall migration limits and other specific restrictions under which the monomers and/or additives contained in the material can be submitted, at the abovementioned usage conditions. All declared is supported by analytical tests carried out in compliance with the DM 21/03/1973 or based on calculations made taking into account the % of the substances submitted to migration limits in the test conditions. Calculations presume that 1 kg of food enters into contact with 6 dm² of product. We remind that the Migration Limit is 60 mg/Kg food [ppm], also expressed as 10 mg/dm² (if the certificate reports mg/kg it is possible to convert it into mg/dm² dividing the value by 6) and we underline that the change in the analytical tolerance is between 10 and 20% (12 mg/kg or 2 mg/dm²).

4. We suggest giving notice to the writing Society if the usage conditions of the product do not correspond to the advice here supplied or whether the foodstuff which come into contact with the product (Food Contact Material) is different from the applicable conditions and from the simulants listed above.
5. The user of the product which is intended to come into contact with food has the responsibility of informing the writing Company about any restriction due to particular component characteristics (additives and aromas) of the foodstuff which has to be transported.
6. This declaration complies with art. 16 of the 1935/2004/EC Regulation.
7. Industrial or commercial usage of the product concerned in this declaration is subject to the evaluation of its compliance to actual regulations and to the technological suitability to the declared final usage.
8. This declaration is valid as from the date indicated below and will be renewed when substantial changes in the processing (final product/raw material) will bring about modifications in some necessary requirements or when new amendments to the regulations mentioned at point 1) will require new controls to verify the compliance.
9. Moreover, we inform that all necessary support documents are at the disposal of the control authorities, in accordance with art. 16, par. 1 of Regulation 1935/2004/EC.
10. Declaration Code: 09.068353.0005

This document and its attachments are addressed solely to the person or company above and contain confidential information.

Date: 19/11/2009

R&D Department
Ing. Luca Battaglia

TEST REPORT N. 09/000402842

date of issue 27/08/2009

Customer ID 0029951

Messrs
FITT SPA
VIA PIAVE, 8
36066 SANDRIGO (VI)
IT

Sample informations

Acceptance number 09.068353.0005
Collected by Our technician Sig. Gianfranco Pierobon - on 24/07/2009
Place of origin FITT SPA VIA PIAVE, 8 36066 SANDRIGO (VI) IT
Sample Description REFITTEX CRISTALLO AL

Sampling informations

Sampled by Customer - on 22/07/2009

ANALYTICAL RESULTS

	Value	Unit of measure	LoQ	LoD	Start/end date of analysis	Op. units	Row
ON SAMPLE AS IT IS							1
MIGRATION IN DISTILLED WATER					27/07/2009- -12/08/2009	08	2
Met.: DM 21/03/73 ALL IVB DM 220 26/04/93 ALL IIIB							
CONDITIONS OF CONTACT							08
Time	10,00	d (days)					4
Temperature	40	°C					5
OVERALL MIGRATION	< LoQ	mg/dm ²	1		27/07/2009- -12/08/2009	08	6
Met.: DM 21/03/73 ALL IVB DM 220 26/04/93 ALL IIIB							
IN WATER SIMULANT - MIGRATION							7
Met.: DM 21/03/73 ALL IVB DM 220 26/04/93 ALL IIIB							
PHTHALATES							01
Met.: MP-1660-R0/07					27/07/2009- -17/08/2009		8
Di(2-ethylhexyl) phthalate	n.d.	mg/dm ²	0.013	0.0063			9
Buthylbenzil phthalate	n.d.	mg/dm ²	0.0025	0.0013			10
Di-n-butyl phthalate	n.d.	mg/dm ²	0.0025	0.0013			11
Di-n-octyl phthalate	n.d.	mg/dm ²	0.0063	0.0025			12
Di-ethyl phthalate	n.d.	mg/dm ²	0.0025	0.0013			13
Di-methyl phthalate	n.d.	mg/dm ²	0.0063	0.0025			14
Di-iso-octyl phthalate	n.d.	mg/dm ²	0.013	0.0063			15
Di-iso-nonyl phthalate	n.d.	mg/dm ²	0.025	0.013			16
Di-iso-butyl phthalate	n.d.	mg/dm ²	0.0025	0.0013			17
Di-iso-decyl phthalate	n.d.	mg/dm ²	0.063	0.025			18
Di-n-amyl phthalate	n.d.	mg/dm ²	0.0025	0.0013			19
Dicyclohexyl phthalate	n.d.	mg/dm ²	0.0013	0.0006			20
				3			
ON SAMPLE AS IT IS							21
MIGRATION IN AQUEOUS SOLUTION OF ACETIC ACID					27/07/2009- -12/08/2009	08	22
Met.: DM 21/03/73 ALL IVB DM 220 26/04/93 ALL IIIB							
CONDITIONS OF CONTACT							08
Time	10,00	d (days)					24
Temperature	40	°C					25
Concentration	3,00	% w/v					26
OVERALL MIGRATION	< LoQ	mg/dm ²	1		27/07/2009- -12/08/2009	08	27
Met.: DM 21/03/73 ALL IVB DM 220 26/04/93 ALL IIIB							
IN ACETIC ACID SIMULANT - MIGRATION							28
Met.: DM 21/03/73 ALL IVB DM 220 26/04/93 ALL IIIB							
PHTHALATES							01
Met.: MP-1660-R0/07					27/07/2009- -17/08/2009		29
Di(2-ethylhexyl) phthalate	n.d.	mg/dm ²	0.013	0.0063			30
Buthylbenzil phthalate	n.d.	mg/dm ²	0.0025	0.0013			31
Di-n-butyl phthalate	n.d.	mg/dm ²	0.0025	0.0013			32
Di-n-octyl phthalate	n.d.	mg/dm ²	0.0063	0.0025			33
Di-ethyl phthalate	n.d.	mg/dm ²	0.0025	0.0013			34
Di-methyl phthalate	n.d.	mg/dm ²	0.0063	0.0025			35
Di-iso-octyl phthalate	n.d.	mg/dm ²	0.013	0.0063			36
Di-iso-nonyl phthalate	n.d.	mg/dm ²	0.025	0.013			37
Di-iso-butyl phthalate	n.d.	mg/dm ²	0.0025	0.0013			38
Di-iso-decyl phthalate	n.d.	mg/dm ²	0.063	0.025			39
Di-n-amyl phthalate	n.d.	mg/dm ²	0.0025	0.0013			40
Dicyclohexyl phthalate	n.d.	mg/dm ²	0.0013	0.0006			41
				3			
ON SAMPLE AS IT IS							42
MIGRATION IN AQUEOUS SOLUTION OF ETHANOL					27/07/2009- -12/08/2009	08	43
Met.: DM 21/03/73 ALL IVB DM 220 26/04/93 ALL IIIB							
CONDITIONS OF CONTACT							08
Time	10,00	d (days)					44
							45

ANALYTICAL RESULTS

	Value	Unit of measure	LoQ	LoD	Start/end date of analysis	Op. units	Row
Temperature	40	°C					46
Concentration	10,00	% v/v					47
OVERALL MIGRATION	< LoQ	mg/dm ²	1		27/07/2009- -12/08/2009	08	48
Met.: DM 21/03/73 ALL IVB DM 220 26/04/93 ALL IIIB							
IN ETHANOL SIMULANT - MIGRATION							49
Met.: DM 21/03/73 ALL IVB DM 220 26/04/93 ALL IIIB							
PHTHALATES					27/07/2009- -17/08/2009	01	50
Met.: MP-1660-R0/07							
Di(2-ethylhexyl) phthalate	n.d.	mg/dm ²	0.013	0.0063			51
Buthylbenzil phthalate	n.d.	mg/dm ²	0.0025	0.0013			52
Di-n-butyl phthalate	n.d.	mg/dm ²	0.0025	0.0013			53
Di-n-octyl phthalate	n.d.	mg/dm ²	0.0063	0.0025			54
Di-ethyl phthalate	n.d.	mg/dm ²	0.0025	0.0013			55
Di-methyl phthalate	n.d.	mg/dm ²	0.0063	0.0025			56
Di-iso-octyl phthalate	n.d.	mg/dm ²	0.013	0.0063			57
Di-iso-nonyl phthalate	n.d.	mg/dm ²	0.025	0.013			58
Di-iso-butyl phthalate	n.d.	mg/dm ²	0.0025	0.0013			59
Di-iso-decyl phthalate	n.d.	mg/dm ²	0.063	0.025			60
Di-n-amyl phthalate	n.d.	mg/dm ²	0.0025	0.0013			61
Dicyclohexyl phthalate	n.d.	mg/dm ²	0.0013	0.0006			62
				3			

Supplement information

Line (2), (6-7), (22), (27-28), (43), (48-49) - Method: DM 21/03/73 ALL IVB DM 220 26/04/93 ALL IIIB = DM 21/03/1973 SO GU N° 104 20/04/1973 ALL IV Parte B DM N° 220 26/04/1993 SO GU N° 162 13/07/1993 ALL III Parte B DM N° 338 22/07/1998 GU N° 228 30/09/1998 DM N° 174 24/09/2008 SO GU N° 261 07/11/2008

Operative units

Unit 08 : RESANA (VIA CASTELLANA -NON FOOD)
Unit 01 : RESANA (VIA FRATTA)

Opinions and interpretations

The overall migration tests performed in defined conditions of time, temperature and simulant according to the M.D. 21.03.73 and following revisions, (see article 6 of Regulation EC N° 1935/2004 of 27 October 2004) have been successful as the analytical values resulted are inferior to the limit of law (10 mg/dm²).

With regard to the specific migration tests the limits established by law in force are the following:

"PHTHALATES:

> Mixture of (50 % w/w) phthalic acid n-decyl n-octyl ester, (25 % w/w) phthalic acid di-n-decyl ester, (25 % w/w) phthalic acid di-n-octyl ester: SML = 5 mg/kg or 0.83 mg/dm²

> Phthalic acid, benzyl butyl ester admitted as: plasticizer in repeated use materials and articles and in single-use materials and articles contacting non-fatty foods except for infant formulae and follow-on formulae as defined by Directive 91/321/EEC and products according to Directive 96/5/EC; technical support agent in concentrations up to 0,1 % in the final product SML = 30 mg/kg or 5 mg/dm²

> Phthalic acid, bis (2-ethylhexyl) ester admitted as: plasticizer in repeated use materials and articles contacting non-fatty foods; technical support agent in concentrations up to 0,1 % in the final product SML = 1.5 mg/kg food simulant or 0.25 mg/dm²

> Phthalic acid, dibutyl ester (CAS 84-74-2) admitted as: plasticizer in repeated use materials and articles contacting non-fatty foods technical support agent in polyolefines in concentrations up to 0,05 % in the final product SML = 0.3 mg/kg food simulant or 0.05 mg/dm²

> di-isononyl phthalate (Phthalic acid, diesters with primary, saturated C8-C10 branched alcohols, more than 60 % C9) admitted as: plasticizer in repeated use materials and articles and in single-use materials and articles contacting non-fatty foods except for infant formulae and follow-on formulae as defined by Directive 91/321/EEC and products according to Directive 96/5/EC; technical support agent in concentrations up to 0,1 % in the final product; SML(T) = 9 mg/kg of simulant or 1.5 mg/dm² for the sum of di-isononyl phthalate and di-isodecyl phthalate

> di-isodecyl phthalate (Phthalic acid, diesters with primary, saturated C9-C11 alcohols more than 90 % C10) admitted as: plasticizer in repeated use materials and articles and in single-use materials and articles contacting non-fatty foods except for infant formulae and follow-on formulae as defined by Directive 91/321/EEC and products according to Directive 96/5/EC; technical support agent in concentrations up to 0,1 % in the final product; SML(T) = 9 mg/kg of simulant or 1.5 mg/dm² for the sum of di-isononyl phthalate and di-isodecyl phthalate"

follow test report n. 09/000402842

The material, on tested conditions, is proper to come into contact with foods using the above mentioned simulants, on condition that all monomers, additives and technologic adjuvants employed are in conformity with legislation in force, the specific migration limits are respected and food does not change its organoleptic characteristics.

Direttore tecnico
Dr. Italo Commissati Chimico Ordine dei chimici - Provincia di treviso Iscrizione n. 221

Direttore laboratorio
Dr. Tiziano Conte Chimico Ordine dei chimici - Provincia di treviso Iscrizione n. 148

Chimico professionista
Dr. Tiziano Conte Chimico Ordine dei chimici - Provincia di treviso Iscrizione n. 148

LoD is the detection limit and identifies a confidence interval of zero with a probability interval of about 99%. LoQ is the limit of quantification. "n.d" is not detected and indicates a value inferior to the LoD. "traces (X)" means a value between LoD and LoQ, this value is indicative. "<x" or ">x" indicate inferior or superior to the measurement field of the test.

Report digitally signed according to the law in force.

The results contained in this Test Report refer only to the analyzed sample. This Test Report can not be copied, even partially, without Chelab's written permission.

chelab srl - analisi per industria - agricoltura - ambiente

Sede legale ed amministrativa: 31023 Resana(tv) - Via Fratta, 25 - Tel. 0423.7177 (30 linee r.a.) - fax 0423.715058 - codice fiscale p.iva e reg imprese tv 01500900269
r.e.a. treviso n. 156079 - capitale sociale € 103.480,00 interamente versato - <http://www.chelab.it> - e-mail: box@chelab.it