

Warning

New European Directive 2007/19/CE for plastics in contact with food products

From the 1st of July 2008, the new European Directive 2007/19/CE enforces all state members of the E.U. into the restriction of the production or importation in the Union, of products for food contacts that could spread phtalates.

The 2007/19/CE goes further than the previous 2002/72/CE, adding new formal requirements :

- Specific migration limits (SML) for phtalates
- Use of ethanol 50% as simulating liquid for migration tests of products to be in contact with milk and milky food

Any hose for food contact shall then, from the 1st of July 2008, fulfill the three following criteria :

1. Be made exclusively of substances present in the positive list of the Directive
2. Have a global migration lower than 10 mg/dm² of contact surface, tested with the following simulants of foodstuffs :

- Simulant A : Distilled water ▶ for aqueous food liquids and non alcoholic beverages
- Simulant B : Acetic acid 3 % ▶ for alcoholic beverages with less than 5% alcohol
- Simulant C : Ethanol 15 % ▶ for alcoholic beverages with minimum 5% alcohol
- Simulant D : Olive oil or its substitutes ▶ for fats and oils
- Simulant D(b) : Ethanol 50 % ▶ for milk products

3. Justify of a phtalate rate per kg of foodstuffs simulant, lower than :

- | | |
|-----------|---------------------|
| 9 mg/kg | ▶ for DiNP and DiDP |
| 1,5 mg/kg | ▶ for DEHP (or DOP) |

PVC hose manufacturers and importers have now to demonstrate that their products respect the migration limits specified in point 3 (in addition with point 2) if their hoses content phtalates. This proof shall be establish with the simulating liquid relative to the application considered and measured on the hose : any certificate for the material is indeed insufficient as it only can confirm the compliance with point 1.

Note : You will also notice that productions made with phtalates before the 1st of July, can still be sold after this date and without any time limit.

FOOD QUALITY COMPLIANCE CERTIFICATE TO EUROPEAN FOOD CONTACT DIRECTIVE 2007/19/CE

HOZELOCK TRICOFLEX certifies that the following hoses are designed, in accordance with the EU Directive 2007/19/CE, for contacts with food compatible with the pointed out simulants.

Substituent	% Phtalates	A Distilled water	B Acetic acid 3%	C Ethanol 15 %	D X = Olive oil X(b) = Ethanol 50%
Tricoclair AL	< 0,6	X	X	X	X(b)
Tricoclair Industrie	> 0,6	X	X	X	
Tubclair AL	< 0,6	X	X	X	X(b)
Tublait	< 0,6	X	X	X	X(b)
Vitryl	< 0,1	X	X	X	X(b)
Technobel AL Soft	< 0,6	X	X	X	X(b)
Profiline Aqua Plus	< 0,1	X	X	X	X and X(b)
Thermoclean 100	< 0,6	X	X	X	
Thermoclean AL 20	< 0,6	X	X	X	
Super Thermoclean 40	< 0,6	X	X	X	
Spirabel SI	< 0,6	X	X	X	
Spirabel SISF	< 0,6	X	X	X	
Spirabel SNT & SNT-S	< 0,6	X	X	X	X(b)
Spirabel MDSF AL	< 0,6	X	X	X	X(b)
Spirabel Vendanges SF	< 0,6	X	X	X	X(b)
Spir aqua Plus	< 0,1	X	X	X	X and X(b)
Spire Acier	> 0,6	X	X	X	
Spirabel SNT-A	> 0,6		dried foodstuffs only		
Spirabel PUA1	< 0,1		dried foodstuffs only		
Spirabel PUA2	< 0,1		dried foodstuffs only		

According to the European Regulation 1935/2004, those hoses are identified with the glass + fork logo.

For an easier identification, the number of the new Directive is joined to the glass + fork logo, both on the marking of the hose and on the label of the coil.



2007/19/CE

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