

REACH No. 1907/2006

REACH is an EU regulation adopted to better protect human health and environment against the risks related to chemical substances.

Tricoflex, as a producer of soft PVC hoses, needs to comply with this regulation, we thus pay very close attention to its evolution. To guarantee the conformity of our products to this regulation, TRICOFLEX® stays informed of its regular updates of the different lists of substances that are subjected to authorization, restrictions of use and/or declarative obligations required by REACH and works in close collaboration with our raw material suppliers.

These regular updates concern primarily 2 substances lists :

1/ The Candidate List of substances of very high concern for Authorisation (or Candidate list, or SVHC list) <http://echa.europa.eu/web/guest/candidate-list-table>

It concerns the substances that are known or potentially carcinogenic (cat. 1A or 1B), mutagenic (cat. 1A or 1B), toxic for reproduction (cat. 1A or 1B), persistent, bioaccumulative and toxic (PBT), very persistent and very bioaccumulative (vPvB), and the substances that arouse an equivalent level of concern having probable serious effects to human health and/or the environment.

These substances are not prohibited to use and can thus still be put on the market. However, they are subject to an obligation for the suppliers to communicate information if the SVHC substance is present at more than 0,1% of the article mass.

2/ The Authorization list (Annex XIV)

<http://echa.europa.eu/web/guest/addressing-chemicals-of-concern/authorisation/recommendation-for-inclusion-in-the-authorisation-list/authorisation-list>

After a regulatory procedure, the SVHCs of the Candidate List can be included in the Annex XIV to become subjected to authorization. These substances may not be commercialized, nor used after a given date, unless their specific use has been authorized.

This is particularly the case since 2015/02/21 for certain plasticizers in PVC, as stated here below:

- bis (2-ethylhexyl) phthalate (DEHP) - CAS No. 117-81-7
- diisobutyl phthalate (DIBP) – CAS No. 84-69-5
- dibutyl phthalate (DBP) – CAS No. 84-74-2
- benzyl butyl phthalate (BBP) - CAS No. 85-68-7

Consequently, our whole range of products are henceforth guaranteed to be free from these plasticizers, and particularly DEHP-free.

Furthermore, since 2017 for most of our products we guarantee a rate of phthalates of <0.1% which is indicated by the phthalates free logo:



Information on compliance for food contact

TRICOFLEX certifies that the following hoses are designed for contacts with food products that are compatible with the appointed simulants.

1) Thermoplastic hoses : European Regulation (EU) No. 10/2011 and its amendments

	Simulant A Ethanol 10%	B Acetic acid 3%	C Ethanol 20%	D D1 = Ethanol 50% D2 = Vegetable oil
Tricloclair® AL	●	●	●	D1
TCF	●	●	●	D1
Cristal	●	●	●	
Tubclair® AL	●	●	●	D1
Profiline Aqua Plus	●	●	●	D1 and D2
Profiline Aqua Plus Soft	●	●	●	D1 and D2
Profiline Aqua Extra Soft	●	●	●	D1
Thermoclean® AL 20	●	●	●	
Super Thermoclean® 40	●	●	●	
Thermoclean® 100 Antimicrobial	●	●	●	
Spirabel® SI	●	●	●	
Spirabel® SNT-S	●	●	●	D1
Spirabel® MDSF AL	●	●	●	D1
Spirabel® Vendanges SF	●	●	●	D1
Spire Acier	●	●	●	D1
Spirabel® PUA1		Nonfat dried foodstuffs only		
Spirabel® PUA2		Nonfat dried foodstuffs only		
Windflex® 600 PU AL		Nonfat dried foodstuffs only		

2) Silicon hoses : French order from 25/11/1992

	Simulant A Ethanol 10%	B Acetic acid 3%	C Ethanol 20%	D D1 = Ethanol 50% D2 = Vegetable oil
Vitryl	●	●	●	D1

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



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



F. Doosterlinck
CEO

Food compatibility chart of hoses



	TRICCLAIR® AL	TCF	CRISTAL	TUBCLAIR® AL	PROFLINE AQUA PLUS	PROFLINE AQUA PLUS SOFT	PROFLINE AQUA EXTRA SOFT	THERMOCLEAN® AL 20	SUPER THERMOCLEAN®	THERMOCLEAN® 40	SPIRABEL® 100 AM	SPIRABEL® SI	SPIRABEL® SNT-S	SPIRABEL® MDSF AL	SPIRABEL® VENDANGES SF	SPIRABEL® ACIER	SPIRABEL® PUA1	WINDFLEX® PUA2	VITRYL®
--	---------------	-----	---------	--------------	--------------------	-------------------------	--------------------------	--------------------	--------------------	-----------------	------------------	--------------	-----------------	-------------------	------------------------	-----------------	----------------	----------------	---------

Non-alcoholic beverages

Mineral waters	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Juices and Nectars	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Juices, nectars and fruit musts with pulp	●	●		●	●	●	●				●	●	●	●	●				●
Lemonades, sodas	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Syrups	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Vegetable juice	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Coffee	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Tea	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Infusions	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Liquid chocolate	●	●		●	●	●	●				●	●	●	●					●

Drinks with less than 5% alcohol

Ciders	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Musts	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Beers	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Bitters	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●

Drinks with 6% to 20% alcohol

Wines	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Spirits, liqueurs	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Cream liqueurs	●	●		●	●	●	●				●	●	●	●					●

Drinks with 20% to 50% alcohol

Spirits, liquors	●	●		●	●	●	●				●	●	●	●					●
------------------	---	---	--	---	---	---	---	--	--	--	---	---	---	---	--	--	--	--	---

Drinks with more than 50% alcohol

Spirits, liquors				●	●														
------------------	--	--	--	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Bakery products

Cereals, starches and yeast															●	●	●		
Flour and semolina															●	●	●		
Dried or fresh fat-containing substances					●	●													
Dried or fresh nonfat substances															●	●	●		
Cocoa powder															●	●	●		
Cocoa paste					●	●													

Made products

Chocolate and chocolate-coated products					●	●													
With fatty substances					●	●													
As a non-greasy dough	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Sugar and sugar products in solid form															●	●	●		
Molasses, sugar syrups, honey	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●

Fruits and vegetables

Dried or dehydrated															●	●	●		
Jams, compotes, puree	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Preparations in water or in juice	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●				●
Preparations in oil					●	●													
Preparations in alcohol	●	●		●	●	●	●				●	●	●	●					●

