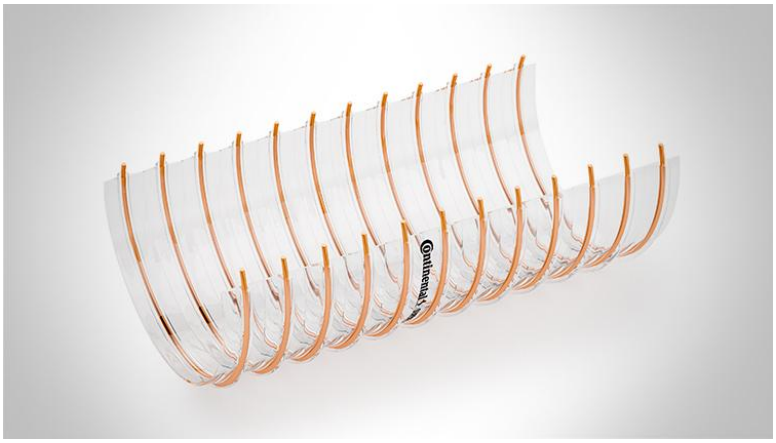
eteha
HOSE SPECIALIST

De flexibele oplossing

PU SUCTIONHOSE

Superflex PU R (913055)





POLYURETHANE (PU) hose with galvanized steel spiral, for suction and transport of dust, chips and abrasive material.

Smooth surface	✸✸✸
Flexibility	✸✸✸✸
Abrasion Resistance	✸✸✸✸✸
Temperature range	-40 °C 90 °C
Chemical Resistance	PU Table
Crushing Resistance	✸✸✸
Ozone Resistance	✸✸✸✸✸
Flame Retardant	According to DIN -4102 IN B1 class Code 913006 self-extinguishing version according to DIN 4102-B1
ATEX	According to the directions for use
For Food	EU according to Declaration of Conformity. Complies with FDA 21 CFR 177.2600 par. "d" for dry foodstuff.
O-Phtalate Free	✸✸✸✸✸
Phtalate Free	✸✸✸✸✸

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HOSE SPECIALIST

De flexibele oplossing

PU SUCTIONHOSE

Ø nominal *mm*	Ø nominal *inch*	Ø i.d. *mm*	Ø o.d. *mm*	vacuum 23 °C /H_2O	bending radius *mm*	wall thickness *mm*	Ø steel wire *mm*	spiral pitch *mm*	spiral direction	weight meter *g/m*	coil length *m*	Part no.
30		31	35	5.5	30	0.5	1	10	left	140	30	CAFSPUR030*
35		36	40	5	35	0.5	1	10	left	160	30	CAFSPUR035*
38	1 1/2	39	43	4.8	38	0.5	1	9.8	left	180	30	CAFSPUR038
40		41	45	4.5	40	0.5	1	10	left	200	30	CAFSPUR040
45	1 3/4	46	50	4	45	0.5	1	10	left	220	30	CAFSPUR045
50	2	51	55	3.5	50	0.55	1.2	12	left	280	30	CAFSPUR050
55		56	60	3	55	0.55	1.2	12	left	300	30	CAFSPUR055*
60		61	65	3	60	0.55	1.2	12	left	330	30	CAFSPUR060
63	2 1/2	64	68	2.5	63	0.55	1.2	12	left	350	30	CAFSPUR063
70		71	77	2.5	70	0.6	1.4	14	left	420	30	CAFSPUR070
75		76	82	2	75	0.6	1.4	14	left	440	30	CAFSPUR075
80		81	87	2	80	0.6	1.4	14	left	480	30	CAFSPUR080
85		86	92	2	85	0.6	1.4	14	left	500	30	CAFSPUR085*
90	3 1/2	91	97	2	90	0.6	1.4	14	left	520	30	CAFSPUR090
100		101	107	1.5	100	0.65	1.6	16	left	660	30	CAFSPUR100

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110		111	117	1.5	110	0.65	1.6	16	left	720	30	CAFSPUR100
120		121	127	1.5	120	0.65	1.6	16	left	780	30	CAFSPUR120
125		126	132	1.5	125	0.65	1.6	16	left	800	30	CAFSPUR125
128		128.5	134.5	1.5	128	0.65	1.6	16	left	820	30	CAFSPUR128*
130		131	137	1.5	130	0.65	1.6	16	left	840	30	CAFSPUR130
140		141	147	1.5	140	0.65	1.6	16	left	900	30	CAFSPUR140
150		151	157	1	150	0.7	1.8	18	left	1100	30	CAFSPUR150
160		161	167	1	160	0.7	1.8	18	left	1160	30	CAFSPUR160
170		171	177	1	170	0.7	1.8	18	left	1240	30	CAFSPUR170
173		173	179	1	173	0.7	1.8	18	left	1250	30	CAFSPUR173*
180		181	187	1	180	0.7	1.8	18	left	1300	30	CAFSPUR180
200		201	207	1	200	0.7	1.8	18	left	1440	30	CAFSPUR200
220		221	227	0.5	220	0.7	1.8	18	left	1580	15	CAFSPUR220
225		226	232	0.5	227	0.7	1.8	18	left	1620	15	CAFSPUR225*
250		252	259	0.5	250	0.8	2	22	left	1880	15	CAFSPUR250

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280		282	289	0.5	280	0.8	2	22	left	2100	15	CAFSPUR280*
300		302	309	0.4	300	0.8	2	22	left	2250	15	CAFSPUR300
325		327	334	0.4	325	0.8	2	22	left	2450	15	CAFSPUR325*
350		352	359	0.4	350	0.8	2	22	left	2600	10	CAFSPUR350*
400		402	409	0.4	400	0.8	2	22	left	3000	10	CAFSPUR400*
450		452	459	0.4(*)	450	0.8	2	22	left	3350	10	CAFSPUR450*

‘* Availability: On demand

All technical specifications apply to a temperature of 23° C ± 2° C (ISO 291)
All technical specifications contained herein are provided for reference purposes only.
For further details regarding our products’ specifications, please refer to the relevant products’ data sheets or contact your sales representative.

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Capitale Sociale € 3.000.000
REA N. 100622 VA - N. Mecc. VA 000987
Reg. Impr. di Varese, P.I./C.F./VAT: IT 00212770127
www.merlett.com - industrial-hose.IT@continental.com

FDA DECLARATION OF COMPLIANCE

These hoses are devices suitable for the passage of dry foods and therefore should not be used for food storage.
Avoid contact of food with the heads and outer surface of the hoses.
Sanitise before use.

We hereby declare that the hoses

913055..... SUPERFLEX PU R

are made of a polyester polyurethane with metal reinforcement spiral, and

ARE COMPLIANT

with the following U.S.A. legislation:

FDA, code of Federal Regulation Title 21 part. § 177.2600 *(Rubber articles intended for repeated use).*

The items mentioned above are manufactured exclusively with substances (monomers, pigments, and additives) indicated in the positive lists of the above legislation.

According to Title 21; Chapter I; Subsection B part. § 177 subpart C section 177.2600, no simulant tests are required for contact with dry foodstuffs.

On the basis of experimental data and/or theoretical calculations, these substances comply with Title 21, Chapter I; Subsection B Part. § 177 subpart C section 177.2600 for articles intended for the passage of dry foodstuffs.

The declaration refers only to the suitability of contact with foodstuffs with the a.m. restrictions.

This declaration will be updated in the event of changes in formulation of the material or if the legislative references are modified and updated so, as to require a new verification of compliance.

Daverio, 08.05.2024

Amministratore Delegato / CEO

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DECLARATION OF CONFORMITY TO CONTACT WITH FOOD

SUPERFLEX PU R (913055)

DECLARATION OF CONFORMITY	
Producer	**ContiTech Industrial Solutions Italy S.p.A.**
Article subject to declaration	**SUPERFLEX PU R (913055)**
Product description	**Flame-resistant POLYURETHANE (PU) hose according to DIN 4102-B1 with copper-plated steel spiral.**
Date	**18/11/2025**
DECLARATION OF CONFORMITY TO	
Community legislation	
Regulation 10/2011/EU and subsequent amendments and amendments;	
Regulation 1935/2004/EC and subsequent amendments and corrections	
Regulation 2023/2006/EC and subsequent amendments and corrections	
Croatian legislation	
Ordinance on the sanitary safety of materials and articles that come into direct contact with foodstuffs NN 125/2009 and subsequent amendments and additions – Croatia;	
Danish legislation	
Executive Order on Food Contact Materials and on Criminal Provisions for Infringements of Related Union Acts BEK No. 681 25/05/2020 and subsequent amendments and additions – Denmark;	
French legislation	
MCDA No. 3 (V03-09/09/2021) Food contact suitability of organic materials intended to come into contact with contact with foodstuffs and subsequent amendments and additions – French;	
LOI No. 2010-729 of June 30, 2010, suspending the marketing of all packaging containing bisphenol A and intended for food products – French;	
German legislation	
BfR XXXIX. Commodities Based on Polyurethanes and subsequent amendments and additions - Germany	
Greek legislation	
Article 26 - Plastic materials and articles intended to come into contact with food and subsequent amendments and additions - Greece;	
Article 26a - colorants for coloring plastic materials and articles that come or are intended to come into contact with food and subsequent amendments and additions - Greece;	
Italian legislation	
Ministerial Decree 21/03/73 and subsequent amendments and additions - Italy;	
Maltese legislation	
Subsidiary Legislation 449.35 - Materials in contact with foodstuffs regulations - Malta; L.N. 67 of 2011 - Food Safety Act (CAP.449) Material in Contact with Foodstuffs (Amendment) Regulations, 2011 and subsequent amendments and additions - Malta;	

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DECLARATION OF CONFORMITY TO CONTACT WITH FOOD

Dutch legislation
Commodities Act Regulation on Packaging and Consumer Products (amended 01/07/2022) and subsequent amendments and additions - Netherlands;
Legislation of the Czech Republic
Decree No. 38/2001 Coll. - Decree of the Ministry of Health on hygienic requirements for products intended to come into contact with foodstuffs and meals and subsequent amendments and additions - Czech Republic;
Slovak legislation
Food Code No 1799/2003 – 100 - of the Slovak Republic regulating materials and articles intended to come into contact with foodstuffs and subsequent amendments and additions - Slovakia;
No. 06913/2008-OL of the Ministry of Agriculture of the Slovak Republic and the Ministry of Health of the Slovak Republic amending and supplementing the Decree of the Ministry of Agriculture of the Slovak Republic No 1799/2003 - 100 of 9 June 2003 and subsequent amendments and additions - Slovakia;
Spanish legislation
Royal Decree 847/2011, June 17, Which Establishes The Positive List Of Substances Permitted For The Manufacture of Plastic Materials Intended To Come Into Contact With Food and subsequent amendments and additions - Spain;
Hungarian legislation
Regulation No. 1-2-2002/72 of the Hungarian Food Code on plastics and plastic objects that come into contact with foodstuffs and subsequent amendments and additions - Hungary;
Regulation No 1-2-78/142 of the Hungarian Foodstuffs Codex on the quality requirements for materials and articles containing vinyl chloride monomer intended to come into contact with foodstuffs and subsequent amendments and additions - Hungary.
Swiss legislation
Swiss Ordinance 817.023.21, Section 4: Materials and objects made of metal or metal alloy - Art. 8 General requirements1.
European regulatory system applicable to the contact of plastic materials and articles with food
INFORMATION ON SUBSTANCES SUBJECT TO MIGRATION RESTRICTIONS AND/OR RESTRICTIONS **The above product may contain monomers, additives and other starting substances present in Annex I of Regulation (EU) No. 10/2011, whose specific migration, or concentration in the finished product, have been determined in accordance with current regulations, the results of which indicate values below the prescribed limits.**

COMPONENT	CAS No.
4,4'-Diphenylmethane diisocyanate	101-68-8
2,4'-Diphenylmethane diisocyanate	5873-54-1
1,4-Butanediol	110-63-4
The following substances, or groups of substances, are not present in the above product:	
Bisphenol A, B, S, F, AF	80-05-7, 77-40-7, 5397-34-2, 620-92-8, 1478-61-1
Peroxides	-

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DECLARATION OF CONFORMITY TO CONTACT WITH FOOD

Polycyclic aromatic hydrocarbons (PAHs)	120-12-7, 56-55-3, 50-32-8, 205-99-2, 192-97-2, 191-24-2, 205-82-3, 207-08-9, 218-01-9, 53-70-3, 85-01-8, 206-44-0, 193-39-5, 91-20-3, 129-00-0
Phthalates	117-81-7, 117-82-8, 85-68-7, 131-18-0, 84-61-7, 84-66-2, 84-69-5, 26761-40-0, 146-50-9, 68515-48-0, 27554-26-3, 605-50-5, 131-11-3, 84-74-2, 84-75-3, 117-84-0, 94491-96-0, 776297-69-9.
Lead	7439-92-1
Cadmium	7440-43-9
Arsenic	7440-38-2

TERMS OF USE

SUPERFLEX PU R (913055) complies with repeated contact with foods that can be associated with food simulants 10% ethanol, 3% acetic acid and olive oil, called food simulants A, B and D2 referred to in Table 2 Annex III of Reg. (EU) No. 10/2011 and subsequent amendments and additions and for contact up to 2 hours at 70°C as indicated in tables 1 and 2 Chapter 2 - Annex V, and OM3 conditions reported in Table 3 - Chapter IV of Reg. (EU) No. 10/2011 as amended.

This assessment makes it possible to indicate the suitability for contact with all types of food as reported in Annex V - Chapter 2 - paragraph 2.1.2 of Reg. (EU) No. 10/2011 and subsequent amendments and additions.

Standard conversion ratio: 6 dm2/kg

Hoses are devices suitable for the passage of food products, not for their storage.

Avoid food contact with the headers and the outer surface of the hose.

The user is responsible for the sanitization of the hoses, which must be carried out before use.

OTHER INFORMATION

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CEO

Eteha Slangtechniek bv
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