

UPE HOSES

Contents

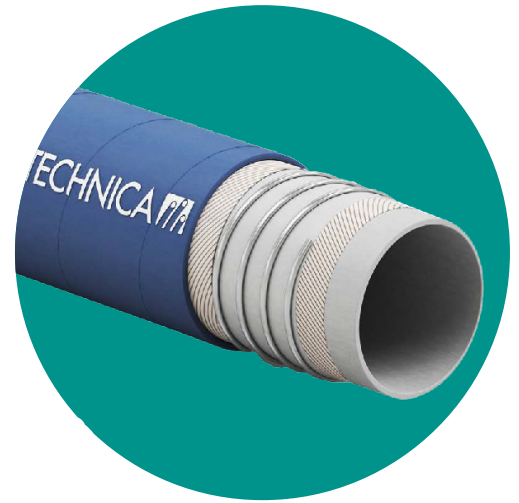
UPE	1
UPE Core Wire Helix Cloth	3
UPE Core Wire Helix Corrugated Cover	4
UPE Core Wire Helix NR Cover	5
Food Upe Hose	6
UPE Core Wire Helix Antistatic Cover	7

UPE Core Wire Helix Cloth

UGB.P

Suction and delivery hose suitable for beer, alcohol concentration up to 99% and a wide range of food products with an improved resistance to higher pressure. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

UPE, translucent, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.1520; BfR III; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; REGULATION 10/2011/CE; REGULATION 1245/2020/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3-A RPSCQC for (62-02) Hose



SPECIFICATIONS

Inner Bore: White UPE

Reinforcements: synthetic plies, galvanized wire helices

Outer surface: smooth, blue, cloth finish. Abrasion, ageing and ozone resistant

Standard: ISO 1307 for dimensional tolerances

Temperature range: -35°C / +100°C (-31°F / +212°F)

Norm : ISO 1307 for dimensional tolerances



Product Number	ø I.D		ø O.D.		Working Pressure		Burst Pressure		Appr. Weight		Vacuum %	Bending Radius	
	Ins. diameter (mm.)	(in.)	Outs. Diameter (mm.)	(in.)	(Bar)	(PSI)	(Bar)	(PSI)	(kg/mt)	(lbs/ft)		(mm)	(in)
UGB.P-1500	38	1,50	51	2,00	16	250	48	750	1,34	0,90	0,9	240	9,45
UGB.P-1970	50	1,97	64	2,52	16	250	48	750	1,84	1,23	0,9	330	12,99
UGB.P-2000	51	2,00	64	2,52	16	250	48	750	1,72	1,15	0,9	330	12,99
UGB.P-2500	63,5	2,50	81	3,19	16	250	48	750	3,06	2,05	0,9	415	16,34
UGB.P-2560	65	2,56	81	3,19	16	250	48	750	2,92	1,96	0,9	415	16,34
UGB.P-2950	75	2,95	93	3,66	16	250	48	750	3,70	2,48	0,9	500	19,69
UGB.P-3000	76	3,00	93	3,66	16	250	48	750	3,50	2,35	0,9	500	19,69
UGB.P-3940	100	3,94	119	4,69	16	250	48	750	5,12	3,43	0,9	675	26,57
UGB.P-4000	102	4,00	119	4,69	16	250	48	750	4,78	3,20	0,9	675	26,57

UPE Core Wire Helix Corrugated Cover

UGGC

Extra flexible suction and delivery hose suitable for distilled and distillation by-products with alcohol concentration up to 99%. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

UPE, translucent, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.1520; BfR III; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; REGULATION 10/2011/CE; REGULATION 1245/2020/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3-A RPSCQC for (62-02) Hose Assemblies.



SPECIFICATIONS

Inner Bore: White UPE

Reinforcements: synthetic plies, galvanized wire helices

Outer surface: wide corrugated, green, low friction material, non-marking when dragged on the floor, easy to clean, glossy. Abrasion, ageing, ozone, oil and chemical resistant

Standard: ISO 1307 for dimensional tolerances

Temperature range: -35°C / +100°C (-31°F / +212°F)

Norm: ISO 1307 for dimensional tolerances



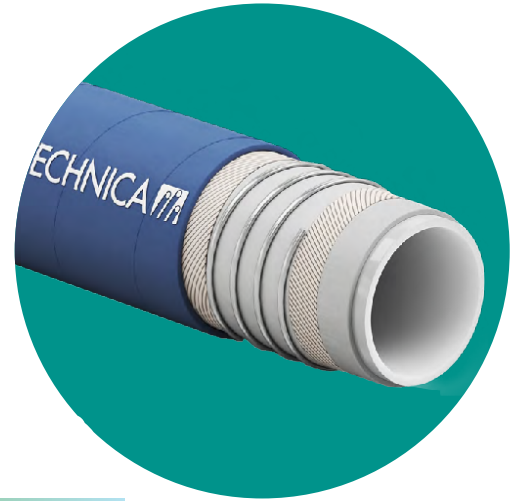
Product Number	ø I.D		ø O.D.		Working Pressure		Burst Pressure		Appr. Weight		Vacuum	Bending Radius	
	Ins. diameter		Outs. Diameter								%		
	(mm.)	(in.)	(mm.)	(in.)	(Bar)	(PSI)	(Bar)	(PSI)	(kg/mt)	(lbs/ft)		(mm)	(in)
UGGC-1000	25	1,00	37	1,46	10	150	30	450	0,80	0,54	0,9	100	3,94
UGGC-1500	38	1,50	50	1,97	10	150	30	450	1,14	0,76	0,9	150	5,91
UGGC-2000	51	2,00	65	2,56	10	150	30	450	1,81	1,21	0,9	200	7,87
UGGC-2500	63,5	2,50	77,5	3,05	10	150	30	450	2,19	1,47	0,9	260	10,24
UGGC-3000	76	3,00	91	3,58	10	150	30	450	2,81	1,88	0,9	350	13,78
UGGC-4000	102	4,00	117	4,61	10	150	30	450	3,67	2,46	0,9	500	19,69

UPE Core Wire Helix NR Cover

UGB

Extra flexible suction and delivery hose suitable for distilled and distillation by-products with alcohol concentration up to 99%. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006).

UPE, translucent, phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.1520; BfR III; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; REGULATION 10/2011/CE; REGULATION 1245/2020/CE; Japan Ministry of Health and Welfare Notice No.370,1959 and No.201,2006; 3-A RPSCQC for (62-02) Hose Assemblies.



SPECIFICATIONS

Inner Bore: White UPE

Reinforcements: synthetic plies, galvanized wire helices

Outer surface: Smooth, soft NR, cloth finish. Abrasion, ageing and ozone resistant.

Standard: ISO 1307 for dimensional tolerances

Temperature range:
-35°C / +100°C (-31°F / +212°F)

Norm : ISO 1307 for dimensional tolerances

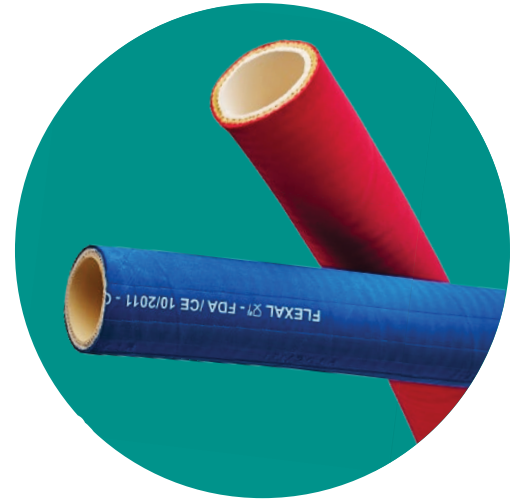


Product Number	ø I.D		ø O.D.		Working Pressure		Burst Pressure		Appr. Weight		Vacuum	Bending Radius	
	Ins. diameter		Outs. Diameter										
	(mm.)	(in.)	(mm.)	(in.)	(Bar)	(PSI)	(Bar)	(PSI)	(kg/mt)	(lbs/ft)	%	(mm)	(in)
UGB-0750	19	0,75	30	1,18	10	150	30	450	0,53	0,36	0,9	50	1,97
UGB-1000	25	1,00	36	1,42	10	150	30	450	0,66	0,44	0,9	70	2,76
UGB-1250	32	1,25	44	1,73	10	150	30	450	1,00	0,67	0,9	100	3,94
UGB-1500	38	1,50	51	2,01	10	150	30	450	1,20	0,81	0,9	130	5,12
UGB-2000	51	2,00	64	2,52	10	150	30	450	1,56	1,05	0,9	190	7,48
UGB-2500	63,5	2,50	77,5	3,05	10	150	30	450	2,33	1,57	0,9	240	9,45
UGB-2760	70	2,76	84	3,31	10	150	30	450	2,53	1,70	0,9	290	11,42
UGB-3000	76	3,00	90	3,54	10	150	30	450	2,73	1,83	0,9	300	11,81
UGB-3500	89	3,50	103	4,06	10	150	30	450	3,14	2,11	0,9	360	14,17

Food Upe Hose

FLX

Very flexible hose specially designed for transfer of food liquids (fruit juices, beer, wine...) and specially of distilled pro alcohol level (up to 99%). Very flexible hose specially designed for transfer of food liquids (fruit juices, beer, wine...) and specially of distilled products with a high alcohol level (up to 99%).



SPECIFICATIONS

Inner Bore: UPE translucent film

Reinforcements: Textile reinforcement and galvanized steel embedded in the wall

Outer surface: Red NR/ Bluw NR canvas printing

Working temperature range: from -30°C to + 85°C

Cleaning: +120°C during 30 minutes

Certification: Phtalate free / BSE / TSE/ FD A/ BNIC validation

Product Number	ø I.D		ø O.D.		Working Pressure		P.L.N.E. No bursting Pres.		Bend Radius		Vacuum	
	Ins. diameter (mm.)	(in.)	Outs. Diameter (mm.)	(in.)	(Bar)	(PSI)	(Bar)	(PSI)	(mm.)	(in.)	(Bar)	(PSI)
FLX-2500	1.00	25.0	1.42	36.0	10	145	30	435	139	5.49	0.90	13
FLX-3200	1.26	32.0	1.70	43.0	10	145	30	435	178	7.04	0.90	13
FLX-3800	1.50	38.0	1.93	49.0	10	145	30	435	211	8.33	0.90	13
FLX-5100	2.00	51.0	2.48	63.0	10	145	30	435	305	12.0	0.90	13
FLX-6350	2.50	63.5	3.01	76.5	10	145	30	435	350	13.8	0.90	13
FLX-7600	3.00	76.0	3.51	89.0	10	145	30	435	360	14.2	0.90	13

The above information is given for ambient temperature (20°C) and may vary according to working conditions.

*WP: Working pressure / *BP: Bursting pressure / Dimension tolerance: ± 0.02 inch

UPE Core Wire Helix Antistatic Cover

TCUPCL

Suction and delivery hose designed according to EN 12115 standards for chemicals and pharmaceutical products.

This product meets FDA 21 CFR 177.1520 BfR Cat III, DM 21.03.73 e seguenti, EUROPEAN REGLEMENT 1935/2004/CE AND 10/2011/CE



SPECIFICATIONS

Inner Core: UPE, white with conductive chips, phthalates free, tested in compliance with 1907/ 2006/ CE (REACH).

Reinforcement: Synthetic plies, galvanized wire helices, a/s wire to discharge static electricity

Outer surface: Smooth, gray, antistatic ($R < 10^9 \Omega/m$), abrasion, ageing, ozone and oil resistant, cloth finish

Sterilization: Refer to guidelines for cleaning and sanitizing

Temperature range: $-35^\circ\text{C} / +100^\circ\text{C}$ ($-31^\circ\text{F} / +212^\circ\text{F}$)
The operating temperature of the hose is directly dependent upon the specific fluid been conveyed and the length of time the fluid is in contact with the hose.

Electrical properties: Type Ω according to norm EN 12115 ($R < 10^9 \Omega$)

Norm: EN 12115



Product Number	I.D		O.D.		Working Pressure		Bending Radius		Burst Pressure		Vacuum		Appr. weight	
	Ins. diameter (mm.)	(in.)	Outs. Diameter (mm.)	(in.)	(Bar)	(PSI)	(mm.)	(in.)	(Bar)	(PSI)	(Bar)	(PSI)	(kg/mt)	(lbs/ft)
TCUPCL-0750	19.0	0.75	31.0	1.22	16	250	115	4.53	64	1000	0.9	13	0.75	0.50
TCUPCL-1000	25.0	1.00	37.0	1.46	16	250	155	6.10	64	1000	0.9	13	0.92	0.62
TCUPCL-1250	32.0	1.25	44.0	1.73	16	250	200	7.87	64	1000	0.9	13	1.10	0.74
TCUPCL-1500	38.0	1.50	51.0	2.00	16	250	240	9.45	64	1000	0.9	13	1.39	0.93
TCUPCL-1970	50.0	1.97	66.0	2.60	16	250	330	12.99	64	1000	0.9	13	2.30	1.54
TCUPCL-2000	51.0	2.00	67.0	2.64	16	250	330	12.99	64	1000	0.9	13	2.33	1.56
TCUPCL-2500	63.5	2.50	79.5	3.13	16	250	415	16.34	64	1000	0.9	13	3.09	2.07
TCUPCL-2950	75.0	2.95	91.0	3.58	16	250	500	19.69	64	1000	0.9	13	3.58	2.40
TCUPCL-3000	76.0	3.00	92.0	3.62	16	250	500	19.69	64	1000	0.9	13	3.62	2.42
TCUPCL-3940	100.0	3.94	116.0	4.57	16	250	675	26.57	64	1000	0.9	13	4.63	3.10
TCUPCL-4000	102.0	4.00	118.0	4.65	16	250	675	26.57	64	1000	0.9	13	4.67	3.13