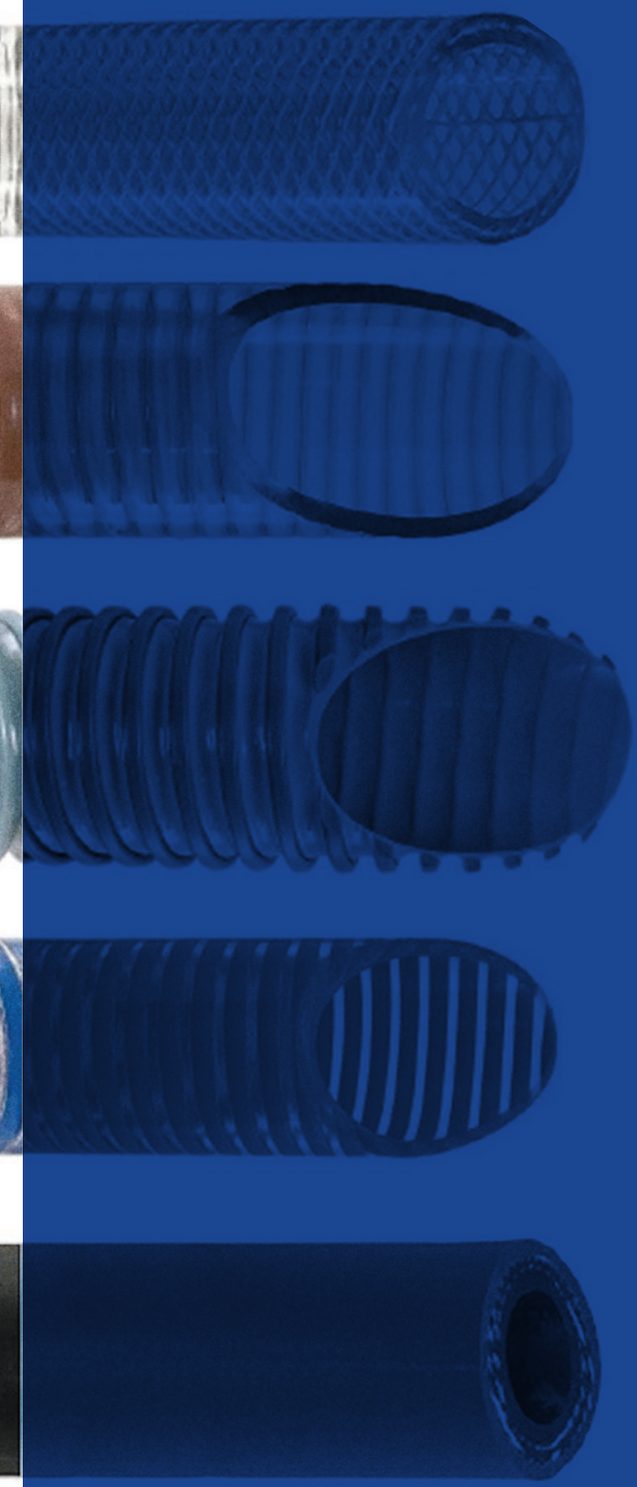
Balflex®

PVC Hoses



PVC Hoses

*The range of **Balflex®** PVC Hoses, manufactured according to **Balflex®** specifications compreends a wide variety of braid and spiral hoses (PVC rigid spiral wound and steel spiral wound to meet different applications).*

Balflex® optimized the production of these hoses and their compatibility with a wide range of fluids so as to assure a more extensive and complete offer. All the Balflex® PVC hoses are made from the best quality compound with virgin raw material so as to assure the best performance.

The program of Balflex® PVC hoses includes :

- Braided PVC Hoses
- Spiral PVC Hoses

Generalities about PVC hoses

Fluid compatibility: It is necessary to verify the fluid compatibility with the hose. A fluid that chemically attacks the hose can lead to contamination and obstruction of the equipment elements and to an early failure of the hose. The presence of gases requires special attention. The table of chemical resistance indicates the PVC compatibility with some fluids. Refer to Balflex® for the compatibility of other fluids. In case of doubt it is recommended a previous test.

Temperature: Excessive temperature is one of the PVC considerable restrictions, which provokes its accelerated aging. The fluid temperature, either functioning or not, it must not exceed the maximum functioning temperature indicated for the PVC of + 55ºC (+ 131ºF). It is also necessary to pay attention to the room temperature, mainly the one that results from heat sources in the proximity of the flexible.

Generalities about PVC

The letters PVC are the initials of PolyVinylChloride or Polyvinyl Chloride, PVC has as the main raw material the sodium chloride (kitchen salt), which is present in underground mines (mineral salt) and in unlimited amounts in the sea. It corresponds to 57% of its composition. The remaining 43% come from oil derived or alternatively from other sources such as calcium carbide and sugar cane.

The chlorine is obtained from sea-salt (sodium chloride) through electrolysis process. The electrolysis is a process that separates the chemical elements of a compound through the use of electricity. In a summarized way, first the decomposition is proceeded (ionization or disassociation) of the ions compound and, after that, with the passage of a continuous current through these ions, chemical elements are obtained. In many cases, depending on the substance to be electrolyzed and the means where it occurs, besides forming elements the formation of new compounds also occurs. The electrolysis process is a reaction to oxidoreduction opposite to the one that occurs in an electrolytic cell, being, thus, a non-spontaneous physic-chemical phenomenon.

To turn PVC resin into hose, it is necessary the mixture of several additives that will give each hose the appropriate characteristics to each application. The most used additives in PVC compounds for the hose manufacturing are the plastifiers, the thermal stabilizer, the pigments, the impact modifiers, the charges and the processing auxiliaries.

PVC, which is inactive, is one of the materials that present better resistance to the sterilization methods (vaporization, oxide of ethylene or gamma rays). PVC can be manufactured in every color by the addition of pigments, which make easier the identification of the hoses according to the use they are intended for. PVC is a product that can be considered ecological because it is 100% recyclable.

PVC Chemical Resistance Chart

● Recommended ● Recommended with Restrictions ● Not Recommended ● Non Toxic ● OQ

Chemical	Concentration	TEMPERATURE 20o C	55o C
Acetate Solvents		●	●
Acetic Acid	10%	●	●
Acetic Acid	glacial	●	●
Acetone		●	●
Acrlylonitrile		●	●
Adipic Acid		●	●
Alcohol Butyl		●	●
Alcohol Ethyl		●	●
Alcohol Isorpopyl		●	●
Alcohol Methyl		●	●
Alcohol Acetate		●	
Aluminium Choloride		●	●
Aluminium Hydroxide		●	
Aluminium Sulfate		●	●
Allyl Chloride			
Ammonia	0.88 S.G. (Aqueous)	●	●
Ammonia	dry gas	●	
Ammonia	liquid	●	●
Ammonium Chloride		●	●
Ammonium Hydroxide		●	
Animal Oils			
Amyl Acetae		●	●
Aniline Oils			
Aromatic Hydrocarbons		●	●
Asphalt		●	●
ASTM Fuel A		●	●
ASTM Fuel B		●	●
ASTM # 1 Oil			
ASTM # 3 Oil			
Barium Chloride		●	●
Barium Hydroxide		●	●
Barium Sulfide		●	●

Chemical	Concentration	TEMPERATURE 20o C	55o C
Benzene		●	●
Benzine		●	●
Bordeaux Mixture		●	●
Borax		●	●
Boric Acid		●	●
Brine		●	●
Bromine Traces		●	●
Butyl Acetate		●	●
Calcium Hydroxide		●	●
Calcium Hypochloride		●	●
Carbonic Acid		●	●
Carbon Dioxide		●	●
Carbon Disulphite		●	●
Carbon Monoxide		●	●
Carbon Tetrachloride		●	●
Casein		●	●
Chlorine	dry gas	●	●
Chlorine	wet gas	●	●
Chlorine	water	●	●
Chlorobenzene		●	●
Chlorinated Hydrocarbons		●	●
Chloroform		●	●
Chromic Acid	10%	●	●
Citric Acid		●	●
Coal Tar		●	●
Copper Chloride		●	●
Copper Nitrate		●	●
Copper Sulphate		●	●
Cottonseed Oil			
Creosote		●	●
Cresol		●	●
Cresylic Acid		●	●

Chemical	Concentration	TEMPERATURE 20o C	55o C
Cyclohexane		🟢	🟡
Cyclohexanone		🔴	🔴
DDT Weed Killer		🟢	🟡
Detergent Synthetic		🟢	🟢
Developers Photographic		🟢	🟢
Dextrin		🟢	🟢
Dextrose		🟢	🟢
Dibutyl Phthalate		🔴	🔴
Dichlorobenzene		🔴	🔴
Diesel Oil		⚪	⚪
Diethylene Glycol		🟢	🟢
Diethyl Ether		🔴	🔴
Di-isodecyl Phthalate		🔴	🔴
Dicotyl Phthalate		🔴	🔴
Emulsifiers		🟢	🟢
Emulsions Photographic		🟢	🟢
Ethyl Acetate		🔴	🔴
Ethylene Dichloride		🔴	🔴
Ethylene Glycol		🟢	🟢
Fatty Acid		🟢	🟢
Ferric Chloride		🟢	🟢
Ferric Sulphate		🟢	🟢
Ferrous Chloride		🟢	🟢
Ferrous Sulphate		🟢	🟢
Fixing Solution Photografic		🟢	🟢
Fluorine		🟢	🟢
Formaldehyde	40%	🔴	🔴
Formic Acid	40%	🟢	🟢
Formic Acid	50%	🟡	🔴
Formic Acid	100%	🔴	🔴
Fuel Oil		⚪	⚪
Glacial Acetic Acid		🟡	🔴
Glucose		🟢	🟢
Glycerine		🟢	🟢
Grape Sugar		🔵	🔵
Grease			

Chemical	Concentration	TEMPERATURE 20o C	55o C
Heptane		🟡	🔴
Hexane		🔴	🔴
Hydrobromic Acid		🟢	🟢
Hydrochloric Acid	10%	🟢	🟢
Hydrochloric Acid	40%	🟢	🔴
Hydrofluoric Acid	10%	🟢	🟡
Hydrofluoric Acid	40%	🟢	🔴
Hydrofluoric Acid		🟢	🟢
Hydrofluosilicic Acid		🟢	🟢
HydrogenPeroxide		🟢	
Hydrogen Sulphide		🟢	
Iso-octan		🟢	🟡
Isopropyl Acetate		🔴	🔴
Kerosene		🟡	🟡
Ketones		🔴	🔴
Lactic Acid	10%	🟢	
Lactic Acid	100%	🔴	🔴
Lacquer Solvents		🟡	🔴
Linseed Oils			
Magnesium Chloride		🟢	🟢
Magnesium Hydroxide		🟢	🟢
Magnesium Sulphate		🟢	🟢
Malic Acid		🟢	🟢
Methyl Acetate		🔴	🔴
Methyl Bromide		🔴	🔴
Methyl Ethyl Ketone		🔴	🔴
Methylene Chloride		🔴	🔴
Mineral Oils			
Monochlorobenzene		🔴	🔴
Naphtha		🔴	🔴
Naphthalene		🟡	🔴
Nitric Acid	70%	🟢	🟢
Nitric Acid	40%	🟢	🟡
Nitric Acid	70%	🔴	🔴
Nitrobenzene		🔴	🔴
Nitrogen Fertilizers		🟢	

Chemical	Concentration	TEMPERATURE 20o C	55o C
Oleic Acid		🟢	🟡
Oxalic Acid		🟢	🟢
Palmitic Acid		🟢	🟢
Paraffin		🟢	🟢
Pentane		🟡	🔴
Perchloroethylene		🔴	🔴
Phenol		🟡	🔴
Phosphoric Acid		🟢	🟢
Pitch		🟢	🟡
Potassium Hydroxide		🟢	🟢
Propane		🟢	🟢
Sea Water		🟢	🟢
Sodium Hydroxide (caustic soda)	10%	🟢	🟢
Sodium Hydroxide (caustic soda)	50%	🟢	🟡
Sodium Cyanide		🟢	🟢
Soybean Oil			
Stearic Acid		🟢	🟢
Styrene		🔴	🔴
Sulphur Dioxide	dry	🟢	🟢
Sulphur Dioxide	moist	🟡	🔴
Sulphur Dioxide	liquid	🔴	🔴
Sulphuric Acid	45%	🟢	🟢
Sulphuric Acid	60%	🟡	🟡
Sulphuric Acid	98%	🔴	🔴
Sulphurous Acid	30%	🟢	
Tannic Acid		🟢	🟢
Tartaric Acid		🟢	🟢
Tetrahydrofuran		🔴	🔴
Toluene		🔴	🔴
Trichlorethylene		🔴	🔴
Triethanolamine		🟢	🟢
Tricresyl Phosphate		🔴	🔴
Turpentine		🟡	🔴
Urea		🟢	🟢
Vinegar		🟢	🟢
Vinyl Acetate		🔴	🔴

Chemical	Concentration	TEMPERATURE 20o C	55o C
Vinyl Chloride		🔴	🔴
Water		🟢	🟢
Wine		🔵	🔵
Xylene		🔴	🔴
Zinc Chloride		🟢	🟢
Zinc Sulphate		🟢	🟢

The following data is based on tests and believed to be reliable; however the tabulation should be used as a guide ONLY, since it does not take into consideration all variables, such as elevated temperatures, fluid contamination, concentration, etc. that may be encountered in actual use. All critical applications should be tested.
Note: All data based on 20ºC/70ºF unless otherwise noted.

🔵 Recommended the use of Balflex® Food Quality Hoses as Balsteel (12.1227) and QA (12.9050)

⚪ Recommended Balflex® OQ (12.9010)

BALCRISTAL FOOD QUALITY

12.1010.

Low pressure, textile braid reinforced, non-toxic, odor and tasteless, food-quality PVC water hose

#	inch	SAE Dash	mm	mm	MPa	PSI	MPa	PSI	kg/m
12.1010.06	1/4"	-4	6,4	11,0	**10,0**	150	**30,0**	450	0,04
12.1010.08	5/16"	-5	7,9	13,0	**10,0**	150	**30,0**	450	0,10
12.1010.10	3/8"	-6	9,5	15,0	**8,0**	120	**24,0**	360	0,13
12.1010.12	1/2"	-8	12,7	17,0	**7,0**	110	**20,9**	330	0,15
12.1010.16	5/8"	-10	15,8	21,0	**7,0**	110	**20,9**	330	0,20
12.1010.19	3/4"	-12	19,1	25,0	**6,0**	90	**18,0**	270	0,26
12.1010.25	1"	-16	25,4	32,0	**5,0**	80	**15,1**	240	0,41
12.1010.32	1.1/4"	-20	32,0	42,0	**4,0**	60	**12,0**	180	0,70
12.1010.38	1.1/2"	-24	38,0	48,0	**4,0**	60	**12,0**	180	0,85

INNER TUBE: transparent PVC, highly flexible, resistant to abrasion, non-toxic, food quality

INTERNAL SURFACE: smooth, passage facilitator
REINFORCEMENT: 1 braid of high tensile synthetic yarn

OUTER TUBE: transparent PVC, highly flexible, resistant to ozone, UV rays and to abrasion
COLOR: transparent crystal

SAFETY FACTOR: 3:1
APPLICATION: food industry
TEMPERATURE RANGE: -10ºC (+14ºF) +55ºC (+131ºF)

BALFLEX BALCRISTAL NON TOXIC - 6 X 11 mm - WP 10 Bar / 145 PSI

BALCRISTAL AIR & WATER

12.1030.

PVC Flexible Hose for Air & Water

#	inch	SAE Dash	mm	mm	MPa	PSI	MPa	PSI	kg/m
12.1030.04	1/4"	-4	6,4	10,8	**15,5**	230	**46,6**	690	0,08
12.1030.05	5/16"	-5	7,9	12,8	**15,5**	230	**46,6**	690	0,10
12.1030.06	3/8"	-6	9,5	15,0	**15,5**	230	**46,6**	690	0,14
12.1030.08	1/2"	-8	12,7	18,0	**15,5**	230	**46,6**	690	0,16
12.1030.10	5/8"	-10	15,8	21,3	**10,3**	150	**31,0**	450	0,20
12.1030.12	3/4"	-12	19,1	25,0	**10,3**	150	**31,0**	450	0,26
12.1030.16	1"	-16	25,4	32,6	**10,3**	150	**31,0**	450	0,42

INNER TUBE: transparent PVC, highly flexible, resistant to abrasion
INTERNAL SURFACE: smooth, passage facilitator

REINFORCEMENT: 1 braid of high tensile synthetic yarn
OUTER TUBE: transparent PVC, highly flexible, resistant to ozone, UV rays and to abrasion

COLOR: transparent crystal
COIL LENGHT: 50 / 100 meters
SAFETY FACTOR: 3:1
TEMPERATURE RANGE: -10ºC (+14ºF) +55ºC (+131ºF)

APPLICATION: industrial services of air and water, in compressors, pneumatic facilities, washing services and water or air conduction where it is important the visual follow-up of the operations

BALFLEX BALCRISTAL AIR & WATER - 6 X 11 mm - WP 20 Bar / 290 PSI

BALSTEEL SUCTION & DELIVERY NON-TOXIC

12.1227.

Flexible Hose of PVC Reinforced with Steel Spiral

#	inch	mm	mm	MPa	PSI	kg/m
12.1227.012	1/2"	12,0	18,0	**6,9**	100	0,19
12.1227.014	9/16"	14,0	20,0	**5,9**	85	0,21
12.1227.016	5/8"	16,0	23,0	**5,9**	85	0,23
12.1227.018	11/16"	18,0	25,0	**5,9**	85	0,27
12.1227.020	3/4"	20,0	27,0	**4,8**	70	0,31
12.1227.022	7/8"	22,0	29,0	**4,8**	70	0,50
12.1227.025	1"	25,0	33,0	**4,8**	70	0,39
12.1227.030	1.3/16"	30,0	39,0	**4,1**	60	0,55
12.1227.032	1.1/4"	32,0	41,0	**4,1**	60	0,68
12.1227.035	1.3/8"	35,0	44,5	**4,1**	60	0,76
12.1227.038	1.1/2"	38,0	47,0	**4,1**	60	0,90
12.1227.040	1.9/16"	40,0	49,5	**2,8**	40	0,90
12.1227.045	1.3/4"	45,0	55,0	**2,8**	40	0,90
12.1227.050	2"	50,0	60,0	**2,8**	40	1,22
12.1227.060	2.3/8"	60,0	72,0	**2,0**	30	1,50
12.1227.070	3.3/4"	70,0	83,0	**2,0**	30	1,95
12.1227.075	3"	76,0	89,0	**1,4**	20	2,40
12.1227.080	3.1/4"	80,0	94,0	**2,0**	30	2,65
12.1227.090	3.1/2"	90,0	101,0	**2,0**	30	2,80
12.1227.100	4"	102,0	114,0	**2,0**	30	3,00

INNER TUBE: PVC, highly flexible, resistant to abrasion, weather and UV rays
INTERNAL SURFACE: smooth, passage facilitator

REINFORCEMENT: 1 wire helix of galvanized steel of high resistance
COLOR: transparent crystal

SAFETY FACTOR: 3:1
TEMPERATURE RANGE: -10ºC (+14ºF) +55ºC (+131ºF)

APPLICATION: food industry, water pumps, agriculture, fiber impulsion

BALFLEX BALSTEEL - FOOD QUALITY - S & D - 12 X 18 mm - WP 7 Bar / 100 PSI

Balflex®

BALFLAT 0.4 MPa

12.1040.

Flat PVC Hose for Water and Pesticides

#	inch	mm	mm	BAR	PSI	BAR	PSI	kg/m
12.1040.025	1"	25,0	28,0	**4,0**	60	**12,0**	175	0,15
12.1040.032	1.1/4"	32,0	35,0	**4,0**	60	**12,0**	175	0,17
12.1040.040	1.1/2"	38,0	41,0	**4,0**	60	**12,0**	175	0,20
12.1040.050	2"	51,0	54,0	**4,0**	60	**12,0**	175	0,22
12.1040.060	2.1/2"	63,0	67,5	**4,0**	60	**12,0**	175	0,30
12.1040.075	3"	76,0	80,0	**4,0**	60	**12,0**	175	0,36
12.1040.100	4"	102,0	106,0	**4,0**	60	**12,0**	175	0,56
12.1040.125	5"	127,0	132,0	**4,0**	60	**12,0**	175	0,75
12.1040.150	6"	152,0	157,0	**4,0**	60	**12,0**	175	0,90
12.1040.200	8"	204,0	209,0	**4,0**	60	**12,0**	175	1,60

INNER TUBE: PVC compound resistant to pesticides
INTERNAL SURFACE: smooth, passage facilitator

REINFORCEMENT: braid of reinforced polyester
OUTER TUBE: PVC compound, resistant to ozone, UV rays and to abrasion

COLOR: black inner tube / blue outer tube
COIL LENGHT: 100 meters
APPLICATION: construction and irrigation in the agriculture. Excellent resistance to pesticides

TEMPERATURE RANGE: -10ºC (+14ºF) +55ºC (+131ºF)

BALFLEX BALFLAT - DN25 - 1" - WP 4 Bar / 60 PSI

BALFLAT 0.6 MPa

12.1041.

Flat PVC Hose for Water and Pesticides

#	inch	mm	mm	BAR	PSI	BAR	PSI	kg/m
12.1041.025	1"	0,17	270	**6,0**	90	**18,0**	265	0,17
12.1041.032	1.1/4"	0,20	270	**6,0**	90	**18,0**	265	0,20
12.1041.040	1.1/2"	0,25	270	**6,0**	90	**18,0**	265	0,25
12.1041.050	2"	0,28	270	**6,0**	90	**18,0**	265	0,28
12.1041.060	2.1/2"	0,38	270	**6,0**	90	**18,0**	265	0,38
12.1041.075	3"	0,46	270	**6,0**	90	**18,0**	265	0,46
12.1041.100	4"	0,80	260	**6,0**	90	**18,0**	265	0,80
12.1041.125	5"	1,00	260	**6,0**	90	**18,0**	265	1,00
12.1041.150	6"	1,30	250	**6,0**	90	**18,0**	265	1,30
12.1041.200	8"	1,80	240	**6,0**	90	**18,0**	265	1,80

INNER TUBE: PVC compound resistant to pesticides
INTERNAL SURFACE: smooth, passage facilitator

REINFORCEMENT: braid of reinforced polyester
OUTER TUBE: PVC compound, resistant to ozone, UV rays and to abrasion

COLOR: black inner tube / blue outer tube
COIL LENGHT: 100 meters
TEMPERATURE RANGE: -10ºC (+14ºF) +55ºC (+131ºF)

APPLICATION: construction and irrigation in the agriculture. Excellent resistance to pesticides

BALFLEX BALFLAT - DN25 - 1" - WP 6 Bar / 90 PSI

Balflex®

FLATDRILL 10 AIR & WATER

10.3030.

Very light weight – very easy to handle. FLAT Air & Water

#	inch	SAE Dash	mm	mm	MPa	PSI	MPa	PSI	kg/m
10.3030.12	3/4"	-12	19,0	23,0	**2,5**	350	**7,5**	1050	0,24
10.3030.16	1"	-16	25,0	29,0	**2,5**	350	**7,5**	1050	0,29
10.3030.20	1.1/4"	-20	32,0	36,2	**2,5**	350	**7,5**	1050	0,30
10.3030.24	1.1/2"	-24	40,0	44,0	**2,2**	280	**6,0**	840	0,30
10.3030.32	2"	-32	50,8	54,8	**1,6**	224	**5,0**	700	0,43
10.3030.40	2.1/2"	-40	65,0	69,0	**1,6**	224	**5,0**	700	0,59
10.3030.48	3"	-48	76,2	82,2	**1,5**	210	**4,5**	630	0,68
10.3030.64	4"	-64	101,6	107,6	**1,3**	182	**4,0**	560	0,93
10.3030.80	5"	-80	127,0	133,0	**1,0**	140	**3,0**	420	1,40
10.3030.96	6"	-96	152,4	160,4	**1,0**	140	**3,0**	420	1,59

INNER TUBE: yellow or black PVC / nitrile rubber compound
REINFORCEMENT: high tenacity polyester jacket

OUTER TUBE: black or yellow PVC / nitrile rubber compound
SAFETY FACTOR: 3:1

TEMPERATURE RANGE: -25ºC (-13ºF) +80ºC (+176ºF)

APPLICATION: air and water in mining and construction. Contractors for sludge / slurry injection. Resistant to hydrocarbon

BALFLEX FLATDRILL 10 - AIR & WATER - DN19 - 3/4" - WP 2.5 MPa / 350 PSI - BS 6391

FLATDRILL 20 AIR & WATER

10.3050.

Very light weight – very easy to handle. Higher level of NBR in the compound.

#	inch	SAE Dash	mm	mm	MPa	PSI	MPa	PSI	kg/m
10.3050.12	3/4"	-12	19,0	24,0	**2,0**	300	**6,0**	900	0,17
10.3050.16	1"	-16	25,0	32,0	**2,0**	300	**6,0**	900	0,21
10.3050.20	1.1/4"	-20	32,0	36,6	**2,0**	300	**6,0**	900	0,30
10.3050.24	1.1/2"	-24	40,0	45,1	**2,0**	300	**6,0**	900	0,44
10.3050.32	2"	-32	50,8	57,8	**2,0**	300	**6,0**	900	0,65
10.3050.40	2.1/2"	-40	65,0	72,0	**2,0**	300	**6,0**	900	0,73
10.3050.48	3"	-48	76,2	83,2	**2,0**	300	**6,0**	900	0,93
10.3050.64	4"	-64	101,6	109,6	**2,0**	300	**6,0**	900	1,14
10.3050.80	5"	-80	127,0	135,0	**2,0**	300	**6,0**	900	1,57
10.3050.96	6"	-96	152,4	160,4	**2,0**	300	**6,0**	900	2,00
10.3050.128	8"	-128	208,0	216,0	**2,0**	300	**6,0**	900	2,36

INNER TUBE: yellow or black nitrile rubber compound
REINFORCEMENT: high tenacity polyester jacket

OUTER TUBE: yellow or black nitrile rubber compound
SAFETY FACTOR: 3:1

APPLICATION: air and water in mining and construction. Contractors for sludge / slurry injection. Resistant to hydrocarbon

TEMPERATURE RANGE: -25ºC (-13ºF) +80ºC (+176ºF)

BALFLEX FLATDRILL 20 - AIR & WATER - DN19 - 3/4" - WP 2 MPa / 300 PSI - BS 6391

AIRPRESSOR AIR & WATER

10.1234.

Flexible hose of PVC compound for Air & Water 300 PSI

#	inch	SAE Dash	mm	mm	MPa	PSI	MPa	PSI	kg/m
10.1234.04	1/4"	-4	6,4	12,2	**2,0**	300	**6,0**	900	0,11
10.1234.05	5/16"	-5	7,9	14,0	**2,0**	300	**6,0**	900	0,13
10.1234.06	3/8"	-6	9,5	15,7	**2,0**	300	**6,0**	900	0,16
10.1234.08	1/2"	-8	12,7	18,5	**2,0**	300	**6,0**	900	0,18
10.1234.10	5/8"	-10	15,8	22,5	**2,0**	300	**6,0**	900	0,30
10.1234.12	3/4"	-12	19,1	26,0	**2,0**	300	**6,0**	900	0,29
10.1234.16	1"	-16	25,4	33	**2,0**	300	**6,0**	900	0,47

INNER TUBE: black PVC compound, highly flexible, resistant to abrasion
INTERNAL SURFACE: smooth, passage facilitator

REINFORCEMENT: 1 braid of high tensile synthetic yarn
OUTER TUBE: black PVC compound, resistant to ozone, UV rays and to abrasion

COIL LENGHT: 50 / 100 meters
SAFETY FACTOR: 3:1
TEMPERATURE RANGE: -10ºC (+14ºF) +55ºC (+131ºF)

APPLICATION: industrial services of air and water, in compressors, pneumatic facilities, washing services and for water and air conduction

BALFLEX AIRPRESSOR AIR & WATER - 1/4" - 6 X 12 mm - WP 2 MPa / 300 PSI

AUTOWASH CAR WASH

10.1223.

Flexible Hose of PVC compound with 2 braids Car Wash 1160PSI

#	inch	SAE Dash	mm	mm	MPa	PSI	MPa	PSI	kg/m
10.1223.08	1/2"	- 8	12,7	24,0	**8.0**	1160	**24.0**	3480	0,5

INNER TUBE: PVC compound, highly flexible, resistant to abrasion
INTERNAL SURFACE: smooth, passage facilitator

REINFORCEMENT: 2 braids of high tensile synthetic yarn
OUTER TUBE: PVC compound, highly flexible, resistant to ozone, UV rays and to abrasion

COLOR: black inner tube / blue outer tube
COIL LENGHT: 50 / 100 meters
SAFETY FACTOR: 3:1

TEMPERATURE RANGE: -10ºC (+14ºF) +55ºC (+131ºF)
APPLICATION: car washing services or industrial pressure washing

BALFLEX AUTOWASH - DN12 - 1/2" - WP 8 MPa / 1160 PSI