



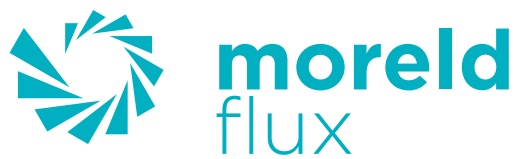
# Group 11

## Hoses

### Chemicals

### Food Industry

### Gas - Steam



## Page Contents

2	Index
3	Standard 16 bar Universal Chemical Hose according to EN 12115 with and without steel spiral
4-5	Composite Hoses
6	Black Sponvent Hose
7	Bulk Hose 10 bar
8	Steam Hoses 7 and 17 bar
9	Propane Hoses. MAP Gas Twin Hose.
10	Welding Hoses Acetylene and oxygen. Twin Hoses.
11	Food Industry Hose / Drinking Water Hose "Potable Water" 17 bar
12	Milk Hose. Beer Suction Hose.
13	Breathing Air Hoses
14	Fish Pump Hose / Sand Blasting Hose
15	Pyrojacket Protective Sleeve
16	"Flameshield" Fire Water Mains Hose

## SYMBOL KEY FOR HOSE TABLES

Part No.	Hose inner diameter in mm and inches	Hose outer diameter in mm	Hose wall thickness in mm	Hose net weight per meter	Hose maximum working pressure	Hose min. burst pressure = working pressure x bar	Hose temperature range	Hose maximum vacuum limit	Hose minimum bend radius	Available hose lengths from the factory	
	mm	"	mm	mm	kg/m	bar	bar	Temp °C	bar	mm	m



NEW PRODUCT IN THIS CATALOGUE



ANTI-STATIC HOSE (THIS LABEL IS NOT ON THE HOSES WITH STEEL SPIRAL)



FOOD INDUSTRY HOSE



HOSE WITH SUPERIOR WEAR RESISTANCE



NON-CONDUCTIVE HOSE

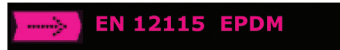


## CHEMICAL HOSE "SOFTWALL" "PICKLE HOSE" DIN 2823 / EN 12115 16 BAR

### CONSTRUCTION:

Inside: Black seamless extruded EPDM rubber.  
 Reinforcement: Synthetic textile braid with high tensile strength.  
 Outside: Electrically conductive black EPDM rubber. Oil, weather and ozone resistant. R<IM ohm  
 Description: Suitable for a variety of chemicals.

Labeling:



Part No.	ID		OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
	mm	"									
31567-019	19	3/4"	31	6	0.57	16	50	-30 / +80	-	190	40
31567-025	25	1"	37	6	0.70	16	50	-30 / +80	-	250	40
31567-032	32	1.1/4"	44	6	0.87	16	50	-30 / +80	-	320	40
31567-038	38	1.1/2"	51	6.5	1.07	16	50	-30 / +80	-	380	40
31567-050	51	2"	67	8	1.70	16	50	-30 / +80	-	500	40
31567-063	63	2.1/2"	79	8	2.00	16	50	-30 / +80	-	630	40
31567-075	76	3"	92	8	2.51	16	50	-30 / +80	-	800	40
31567-100	102	4"	118	8	4.50	16	50	-30 / +80	-	1250	40

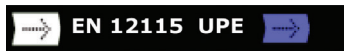


## CHEMICAL HOSE "HARDWALL" DIN 2823 / EN 12115 16 BAR

### CONSTRUCTION:

Inside: Beige, with a thin UHMW-PE layer.  
 Reinforcement: Synthetic textile braid. 2 steel spirals and 2 anti-static conductors.  
 Outside: Black EPDM rubber.  
 Description: Smooth and durable chemical hose that is resistant to 98% of all common chemicals. Can be sterilized in open systems up to 130 °C in max 20 min.

Labeling:



Part No.	ID		OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
	mm	"									
32509-019	19	3/4"	31	6	0.72	16	50	-30 / +80	0.9	120	40
32509-025	25	1"	37	6	1.00	16	50	-30 / +80	0.9	150	40
32509-032	32	1.1/4"	44	6	1.30	16	50	-30 / +80	0.9	200	40
32509-038	38	1.1/2"	51	6.5	1.50	16	50	-30 / +80	0.9	230	40
32509-050	51	2"	65	7	2.20	16	50	-30 / +80	0.9	300	40
32509-063	63	2.1/2"	78	7.5	2.70	16	50	-30 / +80	0.9	380	40
32509-075	76	3"	91	7.5	3.40	16	50	-30 / +80	0.9	450	40
32509-100	102	4"	118	8	4.50	16	50	-30 / +80	0.9	610	40

At high temperatures the working pressure is reduced. Constant high pressure and temperature reduces the tube life span.

## WIRES

Antistatic Polypropylene coated mild steel internal wire (P). Galvanised steel external wire (Z). Also available with 304 Stainless Steel internal or external wires (X), 316 on request.

## CONSTRUCTION

COMPOTEC® CHEM MARINE 707 is a multi-layer thermoplastic hose manufactured with extra Polypropylene, Polyethylene and Polyester films and Polypropylene fabrics, with a weather-proof and abrasion resistant outer cover made of Polymeric coated Polyester fabric. Outer cover is also available in a special PU coated fabric; its UV, Ozone, Sunlight and weathering resistance, offers superior temperature and abrasion characteristics.

All the different layers are wrapped together and tensioned between internal and external wire spirals of bigger diameter and higher density. This enables our product to maintain extreme flexibility with tremendous strength and durability.

## CHARACTERISTICS AND APPLICATIONS

COMPOTEC® CHEM MARINE 707 is manufactured according to the requirement specified by the European Standards EN 13765:2003 Type 3 (BS 5842:1980), and in accordance with the recommendations of NAHAD Guidelines (NAHAD 600/2005).

COMPOTEC® MARINE hose assemblies have been independently tested and type approved to the requirements of International Standards.

COMPOTEC® MARINE hose assemblies are certified by D N V as complying the requirements of CE Directive 97/23 "PED" and are manufactured in accordance with the requirements of Paragraphs 2:12 and 5:7 of the IMO Chemical Carrier Code

COMPOTEC® MARINE HOSES has been approved with "Type Approval Certificate":

- D N V Det Norske Veritas - Cert. N° P-10629
- RINA Registro Italiano Navale - Cert. N° MAC/81398/1/TO/99

Flexible, easy to handle and bend, COMPOTEC® CHEM MARINE 707 is an heavy duty hose for the transfer of a wide variety of chemicals under suction or pressure. CHEM MARINE 707 hoses are used for ship to shore and ship to ship, dockside and general shipboard use.

All hoses are 100% aromatic resistant, antistatic and can be used for suction or discharge. Vacuum rating is 0,9 bar, according to the EN ISO 7233 Method B. COMPOTEC® CHEM MARINE 707 assemblies are fitted with an extensive range of couplings readily available, externally swaged with Stainless Steel or Carbon Steel ferrules.

## COMPOSITE HOSE CHEM MARINE 707 ANTI-STATIC 15 BAR



## SAFETY

Electrical continuity is achieved by the two wires bonded to the end fittings, this helps dissipate accumulated charge and to avoid static flash. The electric resistance of hose assemblies is less than 10 ohms, as required by BS 5842:1980 clause 6.2 (EN ISO 8031). Upon request it's possible to manufacture CHEM MARINE hoses in accordance to the Directive 94/9/EC "ATEX", with a special outer antistatic black cover. Hose assemblies can also be provided electrical discontinuous to suit the application.

## AS = SPECIAL ANTISTATIC COATING

Outer cover is also available in a special BLACK ANTISTATIC compound which guarantee unique safety and charge dissipating characteristics.

## HOSE MARKING

COMPOTEC® - CHEM MARINE - EN 13765 TYPE 3 - PN 15 - 100°C - PP  
- Quarter/year of hose manufacture

Part No.	ID		WT kg/m	WP		BP (EN ISO 1402)		T Temp °C	BR (EN ISO 1746) mm	Max L m
	mm	"		bar	PSI	bar	PSI			
COMPCHEMM-100	100	4"	5.2	15	200	75	1000	-40 / +100	400	35
COMPCHEMM-150	150	6"	11.8	15	200	75	1000	-40 / +100	500	20
COMPCHEMM-200	200	8"	14.5	15	200	75	1000	-40 / +100	740	20
COMPCHEMM-250	250	10"	24.1	15	200	75	1000	-40 / +100	1000	12

At high temperatures the working pressure is reduced. Constant high pressure and temperature reduces the tube life span.



## WIRES

Galvanised steel internal and external wires (Z). Also available with 304 Stainless Steel internal or external wires (316 on request).

Colour: Dark Blue

## CONSTRUCTION

COMPOTEC® OIL MARINE 808 is a multi-layer thermoplastic hose manufactured with extra Polypropylene, Polyethylene and Polyester films and Polypropylene fabrics, with a weather-proof and abrasion resistant outer cover made of Polymeric coated Polyester fabric. Outer cover is also available in a special PU coated fabric; its UV, Ozone, Sunlight and weathering resistance, offers superior temperature and abrasion characteristics. All the different layers are wrapped together and tensioned between internal and external wire spirals of bigger diameter and higher density. This enables our product to maintain extreme flexibility with tremendous strength and durability.

## CHARACTERISTICS AND APPLICATIONS

COMPOTEC® OIL MARINE 808 is manufactured according to the requirement specified by the European Standards EN 13765:2003 Type 3 (BS 5842:1980), and in accordance with the recommendations of NAHAD Guidelines (NAHAD 600/2005).

COMPOTEC® MARINE hose assemblies have been independently tested and type approved to the requirements of International Standards. COMPOTEC® MARINE hose assemblies are certified by D N V as complying the requirements of CE Directive 97/23 "PED" and are manufactured in accordance with the requirements of Paragraphs 2:12 and 5:7 of the IMO Chemical Carrier Code.

COMPOTEC® MARINE HOSES has been approved with "Type Approval Certificate":

- D N V Det Norske Veritas - Cert. N° P-10629
- RINA Registro Italiano Navale - Cert. N° MAC/81398/1/TO/99

Flexible, easy to handle and bend, COMPOTEC® OIL MARINE 808 is an heavy duty hose for the transfer of a wide variety of hydrocarbons under suction or pressure. OIL MARINE 808 hoses are used for ship to shore and ship to ship, dockside and general shipboard applications. All hoses are 100% aromatic resistant, antistatic and can be used for suction or discharge. Vacuum rating is 0,9 bar, according to the EN ISO 7233 Method B. COMPOTEC® OIL MARINE 808 assemblies are fitted with an extensive range of couplings readily available, externally swaged with Stainless Steel or Carbon Steel ferrules.

## COMPOSITE HOSE OIL MARINE 808 15 BAR



## SAFETY

Electrical continuity is achieved by the two wires bonded to the end fittings, this helps dissipate accumulated charge and to avoid static flash. The electric resistance of hose assemblies is less than 10 ohms, as required by BS 5842:1980 clause 6.2 (EN ISO 8031). Upon request it's possible to manufacture OIL MARINE hoses in accordance to the Directive 94/9/EC "ATEX", with a special outer antistatic black cover. Hose assemblies can also be provided electrical discontinuous to suit the application.

## AS = SPECIAL ANTISTATIC COATING

Outer cover is also available in a special BLACK ANTISTATIC compound which guarantee unique safety and charge dissipating characteristics.

## HOSE MARKING

COMPOTEC® - OIL MARINE - EN 13765 TYPE 3 - PN 15 - 100°C - PP - Quarter/year of hose manufacture.

Part No.	ID		WT kg/m	WP		BP (EN ISO 1402)		T Temp °C	BR (EN ISO 1746) mm	Max L m
	mm	"		bar	PSI	bar	PSI			
COMPOILM-100	100	4"	5.2	15	200	60	850	-40 / +100	400	35
COMPOILM-150	150	6"	10.9	15	200	60	850	-40 / +100	500	20
COMPOILM-200	200	8"	14.9	15	200	60	850	-40 / +100	740	20
COMPOILM-250	250	10"	25.7	15	200	60	850	-40 / +100	1000	12

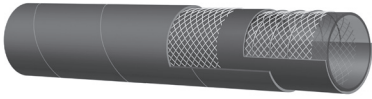


## SPONVENT HOSE 6 BAR

### CONSTRUCTION:

Inside:	Black SBR rubber.
Reinforcement:	Synthetic textile braid and steel spirals.
Outside:	Black SBR/EPDM rubber.
Description:	Suction and pressure hose for agriculture and industry. Suitable for water, shavings, grain, etc. Cover is ozone and weather resistant.

Part No.	ID		OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
	mm	"									
52945-025	25	1"	35	5	0.75	6	18	-30 / +100	0.9	150	2-6
52945-030	30		40	5	0.82	6	18	-30 / +100	0.9	180	2-6
52945-032	32	1.1/4"	42	5	0.90	6	18	-30 / +100	0.9	190	2-6
52945-035	35		45	5	0.95	6	18	-30 / +100	0.9	210	2-6
52945-038	38	1.1/2"	49	5.5	1.00	6	18	-30 / +100	0.9	228	2-6
52945-040	40		51	5.5	1.20	6	18	-30 / +100	0.9	240	2-6
52945-045	45	1.3/4"	56	5.5	1.30	6	18	-30 / +100	0.9	270	2-6
52945-048	48		59	5.5	1.38	6	18	-30 / +100	0.9	290	2-6
52945-050	50	2"	61	5.5	1.50	6	18	-30 / +100	0.9	300	2-6
52945-057	57		68	5.5	1.65	6	18	-30 / +100	0.9	340	2-6
52945-060	60		72	6	1.80	6	18	-30 / +100	0.9	360	2-6
52945-063	63	2.1/2"	75	6	1.95	6	18	-30 / +100	0.9	380	2-6
52945-065	65		77	6	2.00	6	18	-30 / +100	0.9	390	2-6
52945-070	70		82	6	2.10	6	18	-30 / +100	0.9	420	2-6
52945-075	76	3"	88	6	2.15	6	18	-30 / +100	0.9	450	2-6
52945-080	80		92	6	2.30	6	18	-30 / +100	0.9	480	2-6
52945-085	85		97	6	2.80	6	18	-30 / +100	0.9	510	2-6
52945-090	90	3.1/2"	102	6	3.10	6	18	-30 / +100	0.9	540	2-6
52945-100	102	4"	116	7	3.60	6	18	-30 / +100	0.9	600	2-6
52945-110	115	4.1/2"	129	7	3.70	6	18	-30 / +100	0.9	660	2-6
52945-125	127	5"	141	7	4.50	6	18	-30 / +100	0.9	760	2-6
52945-150	152	6"	168	8	6.30	6	18	-30 / +100	0.9	910	2-6
52945-200	203	8"	221	8	10.00	6	18	-30 / +100	0.9	1200	2-6
52945-250	254	10"	278	12	18.00	6	18	-30 / +100	0.9	1520	2-6



## BLACK BULK HOSE "HARDWALL" 10 BAR

### CONSTRUCTION:

Inside: Black SBR rubber.  
 Reinforcement: Synthetic textile braid and steel spirals.  
 Outside: Black SBR rubber.  
 Description: Suction and pressure hose for water and light solids, etc.

Part No.	ID		OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
	mm	"									
52720-025	25	1"	35	5	0.88	10	30	-25 / +80	0.9	200	40
52720-032	32	1.1/4"	42	5	1.08	10	30	-25 / +80	0.9	260	40
52720-038	38	1.1/2"	50	6	1.25	10	30	-25 / +80	0.9	300	40
52720-050	51	2"	63	6	2.27	10	30	-25 / +80	0.9	480	40
52720-063	65	2.1/2"	77	6	2.38	10	30	-25 / +80	0.9	500	40
52720-075	76	3"	90	7	3.01	10	30	-25 / +80	0.9	610	40
52720-100	102	4"	116	7	4.09	10	30	-25 / +80	0.9	820	40
52720-125	127	5"	145	9	6.50	10	30	-25 / +80	0.9	1020	20
52720-150	152	6"	170	9	8.05	10	30	-25 / +80	0.9	1220	20
52720-200	203	8"	224	10.5	12.56	10	30	-25 / +80	0.9	1620	20

For more bulk hoses, see also Group 10.



### STEAM HOSE 7 BAR

#### CONSTRUCTION:

Inside: Black EPDM rubber.  
 Reinforcement: Several layers synthetic textile cord.  
 Outside: Black EPDM rubber. Mandrel built hose.  
 Description: For saturated steam up to 170°C and hot water up to 90°C, and mild acids and chemicals.

Must be drained after use. See group 20 for further information.

Part No.	ID		OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
	mm	"									
61350-010	10	1/4"	20	5	0.35	7	70	-40 / +170	-	100	40
61350-013	13	1/2"	23	5	0.4	7	70	-40 / +170	-	130	40
61350-019	19	3/4"	31	6	0.6	7	70	-40 / +170	-	190	40
61350-025	25	1"	39	7	0.78	7	70	-40 / +170	-	250	40
61350-032	32	1.1/4"	46	7	1.05	7	70	-40 / +170	-	320	40
61350-038	38	1.1/2"	54	8	1.23	7	70	-40 / +170	-	380	40
61350-050	50	2"	69	9.5	1.69	7	70	-40 / +170	-	500	40
61350-063	63	2.1/2"	81	9	2.09	7	70	-40 / +170	-	630	40
61350-076	76	3"	95	9.5	2.41	7	70	-40 / +170	-	760	40



### STEAM HOSE 17 BAR

Part No.	ID		OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
	mm	"									
63330-013	12.7	1/2"	27	5.35	0.60	17	170	-40 / +232	-	102	40
63330-019	19	3/4"	33	7	0.73	17	170	-40 / +232	-	152	40
63330-025	25	1"	41	8	1.16	17	170	-40 / +232	-	203	60
63330-032	32	1.1/4"	49	8.5	1.52	17	170	-40 / +232	-	320	40
63330-038	38	1.1/2"	55	8.5	1.74	17	170	-40 / +232	-	380	40
63330-050	51	2"	68	8.5	2.35	17	170	-40 / +232	-	500	60
63330-063	63	2.1/2"	80	8.5	2.84	17	170	-40 / +232	-	630	40
63330-075	76	3"	98	11	5.55	17	170	-40 / +232	-	750	40
63330-100	102	4"	124	11	7.21	17	170	-40 / +232	-	1000	40



## PROPANE HOSE EN 559 20 BAR

### CONSTRUCTION:

Inside: Black NBR/EPDM rubber.  
 Reinforcement: Synthetic textile braiding.  
 Outside: Orange NBR rubber.  
 Description: High quality propane hose. Meets EN 559.  
 Excellent for LPG and natural gases. Cover has high durability.

Part No.	ID		OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
	mm	"									
71089-006	6	1/4"	13	3.5	0.19	20	60	-30 / +70	-	60	50/100
71089-008	8	5/16"	15	3.5	0.22	20	60	-30 / +70	-	80	50/100
71089-010	10	3/8"	17	3.5	0.26	20	60	-30 / +70	-	100	50/100
71089-013	13	1/2"	23	5	0.30	20	60	-30 / +70	-	130	50/100
71089-016	16	5/8"	26	5	0.42	20	60	-30 / +70	-	160	50/100
71089-019	20	3/4"	31	5.5	0.56	20	60	-30 / +70	-	200	50/100
71089-025	25	1"	36	5.5	0.69	20	60	-30 / +70	-	250	50/100



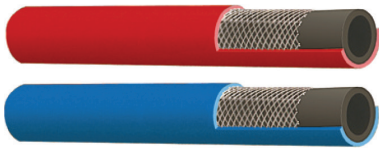
## TWIN GAS HOSE MAP GAS 20 BAR

### CONSTRUCTION:

Inside: Black NBR rubber.  
 Reinforcement: Synthetic textile braiding with high tensile strength.  
 Outside: Blue/orange SBR wear/tear and ozone resistant rubber.  
 Description: Smooth and durable MAP gas hose for oxygen, propane, propellant gas, etc.

Part No.	ID		OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
	mm	"									
71074-0606	6.3 x 6.3	-	-	-	0.35	20	60	-30 / +80	20	65	50
71074-0608	6.3 x 8.0	-	-	-	0.42	20	60	-30 / +80	20	65	50
71074-1010	10.0 x 10.0	-	-	-	0.50	20	60	-30 / +80	20	100	50





**RED ACETYLENE HOSE  
BLUE OXYGEN HOSE  
EN 559  
20 BAR**

**CONSTRUCTION:**

Inside: Black SBR rubber.  
Reinforcement: Synthetic textile braiding.  
Outside: Red / blue SBR rubber.  
Description: Weather resistant gas hose with good durability. Not suitable for oil-based gas and LPG.

Labeling: EN 559 2MPA/20BAR + Diameter and production year.

Red Acetylene Part No.	ID		OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
	mm	"									
71075-006	6.3	1/4"	13.3	3.5	0.23	20	60	-30 / +70	-	190	50 / 100
71075-010	10	3/8"	18	4	0.27	20	60	-30 / +70	-	270	50 / 100
71075-013	13	1/2"	23	5	0.38	20	60	-30 / +70	-	375	50 / 100
71075-019	19	3/4"	31	6	0.67	20	60	-30 / +70	-	670	50 / 100
71076-006	6.3	1/4"	13.3	3.5	0.23	20	60	-30 / +70	-	190	50 / 100
71076-010	10	3/8"	18	4	0.27	20	60	-30 / +70	-	270	50 / 100
71076-013	13	1/2"	23	5	0.38	20	60	-30 / +70	-	375	50 / 100
71076-019	19	3/4"	31	6	0.67	20	60	-30 / +70	-	670	50 / 100



**RED / BLUE TWIN HOSE  
ACETYLENE / OXYGEN  
EN 559  
20 BAR**

**CONSTRUCTION:**

Inside: Black SBR rubber.  
Reinforcement: Synthetic textile braiding.  
Outside: Red / blue SBR rubber.  
Description: Weather resistant gas hose with good durability. Not suitable for oil-based gas and LPG.

Labeling: EN 559 2MPA/20BAR + Diameter and production year.

Part No.	ID		OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
	mm	"									
71077-006	6.3	1/4"	14.3	4	0.35	20	60	-30 / +80	-	65	50 / 100
71077-010	10	3/8"	18	4	0.50	20	60	-30 / +80	-	100	50 / 100



**FOOD INDUSTRY HOSE  
"BLUE FOOD FLEXWING"  
10 BAR**

**CONSTRUCTION:**

Inside: White NBR rubber.  
 Reinforcement: Synthetic textile braiding and 2 steel spirals.  
 Outside: Blue CR rubber.  
 Description: High quality food industry hose. Meets USDA -3A and FDA requirements.  
 Smooth NBR inner rubber. The Cover is oil and grease resistant.  
 Can be steam cleaned in open systems up to 130°C.

Part No.	ID		OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
	mm	"									
82410-025	25	1"	37	6	0.85	10	40	-30 / +93	0.9	100	30
82410-032	32	1.1/4"	44	6	1.10	10	40	-30 / +93	0.9	130	30
82410-038	38	1.1/2"	50	6	1.34	10	40	-30 / +93	0.9	155	30
82410-050	51	2"	64	6.5	1.99	10	40	-30 / +93	0.9	200	30
82410-063	63	2.1/2"	78	7.5	2.60	10	40	-30 / +93	0.9	255	30
82410-075	76	3"	91	7.5	3.20	10	40	-30 / +93	0.9	305	30
82410-100	102	4"	118	8	4.95	10	40	-30 / +93	0.9	410	30



**DRINKING WATER HOSE  
"POTABLE WATER"  
SOFTWALL  
20 BAR**

**CONSTRUCTION:**

Inside: White NR rubber.  
 Reinforcement: 4 layers synthetic textile braiding.  
 Outside: Orange EPDM rubber.  
 Description: FDA approved drinking water hose.  
 Smooth NR inner rubber.  
 The cover is oil and sea water resistant.

Part No.	ID		OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
	mm	"									
81451-050	51	2"	66	7.5	1.90	20	80	-30 / +70	-	1200	61
81451-075	76	3"	92	8	2.85	20	80	-30 / +70	-	1200	61
81451-100	102	4"	118	8	3.45	20	80	-30 / +70	-	1200	61

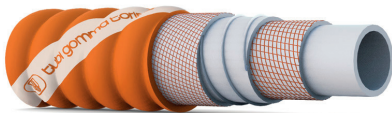


### MILK HOSE "BLUE MILK FLEXTRA" 10 BAR

#### CONSTRUCTION:

Inside:	White NBR rubber.
Reinforcement:	Synthetic textile braiding and steel spiral.
Outside:	Blue CR rubber.
Description:	Flexible and light food hose. Especially suitable for milk products, but also good for water, oil and fat-containing food products. The inside is smooth FDA approved NBR rubber. Can be sterilized in open systems up to 130°C.

Part No.	ID		OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
	mm	"									
82440-038	38	1.1/2"	50	6	1.32	10	30	-30 / +90	0.9	100	30
82440-050	51	2"	63	6	1.59	10	30	-30 / +90	0.9	127	30
82440-063	63	2.1/2"	77	7	1.85	10	30	-30 / +90	0.9	152	30
82440-075	76	3"	89	6.5	2.76	10	30	-30 / +90	0.9	180	30
82440-100	102	4"	116	7	4.11	10	30	-30 / +90	0.9	250	30

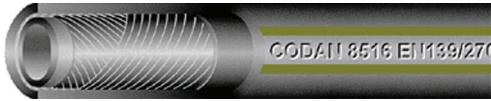


### BREWER SUCTION AGRABREW SD/16 2W 16 BAR

#### CONSTRUCTION:

Inside:	White moth BIIR (butyl) rubber. Food quality odourless and taste free.
Reinforcement:	High strength synthetic lies with steel wire spiral.
Outside:	Orange, corrugated, cloth impression EPDM rubber, resistant to abrasion, ozone and weather.
Description:	Suction and delivery hose for beer, wine, alcohol, soft drinks, very flexible. FDA title 21 art.177.2600 (e) for liquid foods, BfR, ADI free, PHTHALATE free, CE 1935/2004. Sterilisation at 100degC for 30 minutes.

Part No.	ID		OD mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
	mm	"								
82416-032	32	1.1/4"	44	1.10	16	48	-40 / +120	0.9	116	40
82416-038	38	1.1/2"	50	1.45	16	48	-40 / +120	0.9	144	40
82416-050	51	2"	63	1.88	16	48	-40 / +120	0.9	196	40
82416-063	63	2.1/2"	76	2.65	16	48	-40 / +120	0.9	272	40
82416-075	76	3"	90	3.00	16	48	-40 / +120	0.9	280	40
82416-100	102	4"	118	4.30	16	48	-40 / +120	0.9	328	40

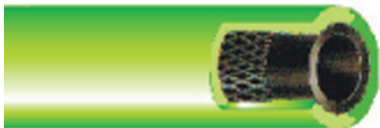


**BREATHING AIR HOSE 8516**  
**EN 14593 / EN 14594**  
**10 BAR**

**CONSTRUCTION:**

Inside: Black NBR  
 Reinforcement: PVA  
 Outside: Black NBR/PVC  
 Application: Compressed Air  
 Standard Branding: CODAN 8516 - BREATHING HOSE H,S,F - EN 14593-1/2 - EN 14594 - 10 BAR - year - sn.  
 Description: Flexible, black hose with two laminated green stripes in accordance with EN 139. Available in other colours to order. For carrying breathing air at high pressure from compressor to filter. Good ozone resistance and external resistance to several chemicals. Ideal for use when cleaning tanks, etc. or where the outer surface of the hose is exposed to adverse conditions. Installed using brass or stainless crimped-on fittings. Choice of connector should be considered carefully. Also according to EN 139: 1994. Please contact Codan for further information.

Part No.	ID mm	OD mm	WT mm	WT g/m	WP bar	BP bar	T Temp °C	V bar	BR mm	Standard Length m
8516006	6.3	15.3		192	10	60	-30 / +100		62	50
8516007	7.0	16.4		218	10	60	-30 / +100		66	50
8516010	9.5	19.5		287	10	60	-30 / +100		78	50
8516019	19.1	29.5		521	10	60	-30 / +100		110	50



**BREATHING AIR HOSE**  
**EN 14593**  
**10 BAR**

**CONSTRUCTION:**

Inside: Black EPDM rubber.  
 Reinforcement: Synthetic textile braiding with high tensile strength.  
 Outside: Green EPDM.  
 Description: High quality breathing air hose. Inner tube emits no odor or taste. Meets EN 14593 requirements for full mask breathing hoses. High mechanical tensile strength. Durable cover. The hose withstands weld spatter. FDA approved.

Part No.	ID mm	ID "	OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
81482-010	9.5	3/8"	19.5	5	0.32	10	30	-30 / +60	-	50	50



## FISH PUMP HOSE 5 BAR

### CONSTRUCTION:

Inside:	Black Plyosin.
Reinforcement:	Synthetic textile braid with high tensile strength.
Outside:	Black Plyosin.
Description:	Smooth, durable and lightweight fish pump hose with excellent abrasion properties. Ozone and seawater resistant.

Part No.	ID		OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
	mm	"									
91100-250	254	10"	264	5	4.05	5	15	-30 / +70	-	-	61
91100-300	305	12"	315	5	4.89	5	15	-30 / +70	-	-	61
91100-350	358	14"	368	5	5.68	5	15	-30 / +70	-	-	61
91100-400	408	16"	418	5	6.48	5	15	-30 / +70	-	-	61
91100-450	457	18"	473	8	8.30	5	15	-30 / +70	-	-	30



## SAND BLASTING HOSE 12 BAR

### CONSTRUCTION:

Inside:	Black NR rubber with high wear resistance. Electrically conductive.
Reinforcement:	Synthetic textile braid with high tensile strength.
Outside:	Black, anti-static SBR/NR with high wear resistance.
Description:	Sand blasting hose with high durability. Designed for minimum prolongation, torsion and twisting. Outside rubber is anti-static. Inner abrasion <70mm³ DIN 53516

Part No.	ID		OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
	mm	"									
91750-013	13	1/2"	27	7	0.51	12	36	-30 / +80	-	130	40
91750-016	16	5/8"	30	7	0.60	12	36	-30 / +80	-	160	40
91750-019	19	3/4"	33	7	0.69	12	36	-30 / +80	-	190	40
91750-025	25	1"	40	7.5	0.90	12	36	-30 / +80	-	250	40
91750-032	32	1 1/4"	48	8	1.2	12	36	-30 / +80	-	320	40
91750-038	38	1 1/2"	56	9	1.57	12	36	-30 / +80	-	380	40
91750-050	51	2"	71	10	2.2	12	36	-30 / +80	-	500	40





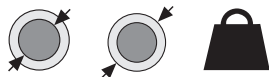
PYROJACKET 500°C  
FLAME RESISTANT  
HEAT RESISTANT  
TYPE - PJ

**CONSTRUCTION:**

Inside/outside: Thick glass fiber braid  
 Outside: Red silicon rubber coating  
 Temperature: -55°C to + 260°C - continuous  
 Temperature: Max 30 min +850°C, ref. to: NFE 48-084  
 Temperature: Max 15 min. +1100°C, ref. to: SAE AS 10556

Applications: Protective sleeve for hoses, pipes and cables from fire and radiant heat in smelting plants, industry and offshore. Excellent also as insulation sleeve for enclosing hot pipes, or to reduce heat loss.  
 Outside silicon rubber is resistant to most chemicals and oils.

Lengths: Max 12 meters



Part No.	ID mm	OD mm	WT kg
PJ-025	25	33	0.32
PJ-045	45	53	0.45
PJ-050	50	58	0.58
PJ-055	55	63	0.61
PJ-080	80	89	0.94

Other dimensions available on request



### FLAMESHIELD-300 Firewater Mains T-300 AH

#### CONSTRUCTION:

Inside: Synthetic seawater and oil-resistant rubber.  
 Reinforcement: Reinforced with steel braiding and several layers glass fiber tissue.  
 Outside: Red flame-resistant special rubber resistant to oils and ozone.  
 Applications: Flame Shield 300 is specifically designed for use in "Fire Water Mains Systems" on offshore installations, where the demands for performance, security, and guaranteed "lifetime" of the product is absolutely necessary.

Flameshield 300 is tested under full working pressure in temperatures higher than +700°C in periods between 30 and 60 minutes, in a closed fire chamber at full working pressure and with no flow in the hose.

Safety factor: 5:1  
 Temp. range: -40°C to +90°C.  
 Standards: API Spec

Flameshield 300 exceeds the requirements of the DNV and American Bureau of Shipping.

Flame Shield 300 replaces the flexible interior corrugated metal hoses in "Fire Water Mains Systems" where producers have not been able to provide guarantees for the expected life of the product, because of the damage that occurs with "stagnant" seawater. Another problem area is the construction of metal hoses (corrugated interior), which can cause significant pressure loss.

Flame Shield 300 is primarily designed for "Fire Water Mains Systems", but is also usable for fuel, air and oil.

#### FLAMESHIELD 300:

- Compact and solid design for maximum life expectancy.
- Uniform construction, no requirement for exterior steel protection.
- Low prolongation & 0% contraction at full working pressure.
- 2 year warranty period.
- Wide range of end fittings - NPT Male, Hammer lug unions, flanges, Straub Grip, quick couplings, etc. in different material qualities, carbon steel, AISI 316 L, UNS S31254 (6MO), etc.
- Full traceability in accordance with DIN 50049.3.1.B is available for the end fittings.

Part No.	ID		OD mm	WT mm	WT kg/m	WP		V %	BR mm	L mm
	mm	"				bar	psi			
93300-025	25	1	49	12	2.9	21	305	-	300	40
93300-032	32	1 1/4	56	12	3.5	21	305	-	330	40
93300-038	38	1 1/2	62	12	3.9	21	305	-	370	40
93300-050	51	2	79	14	4.7	21	305	-	400	40
93300-075	76	3	108	16	7.2	21	305	-	500	40
93300-100	102	4	128	13	9.0	21	305	-	600	40
93300-125	127	5	155	14	16.0	21	305	-	1030	40
93300-150	152	6	180	14	19.7	21	305	-	1140	40
93300-200	204	8	237	17	27.3	21	305	-	1440	20
93300-250	254	10	288	17	34.2	21	305	-	1780	20