



# Group 9

## Hoses

### Chemicals

### Food Industry

### Gas - Steam

### Special Hoses



FLUID CONTROL®

## 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
#	ID	OD	WT	WT	WP	BP	T	V	BR	L
Part No.	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



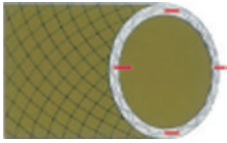
Non-conductive Hose



Available for rental

Page	Contents
2	Index
3	Flat Oil and Chemical Hoses 10 / 14 bar
4	Standard 17 bar Universal Chemical Hose according to EN 12115 with and without steel spiral
5-6	Chemical Hoses
7	Black Sponvent Hose
8	Bulk Hose 10 bar
9	Steam Hoses 7 and 17 bar
10	Propane Hoses. MAP Gas Twin Hose.
11	Welding Hoses Acetylene and oxygen. Twin Hoses.
12	Food Industry Hose / Drinking Water Hose "Potable Water" 17 bar
13	Milk Hose
14	Breathing Air Hoses
15	Microban - Food Washdown Hose
16	Drilling Hoses
17	Safe Grip - Protection for Drilling Hoses
18	Fish Pump Hose / Sand Blasting Hose
19	Polyurethane Spiral Hose
20	Pyrojacket Protective Sleeve
21	"Flameshield" Fire Water Mains Hose

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



## OIL AND CHEMICAL HOSE "CHEMICOIL" 10.5 BAR

**CONSTRUCTION:****Inside:**

Green thermoplastic elastomer.

**Reinforcement:**










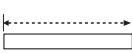
Synthetic braiding and inlaid grounding slit.

**Outside:**

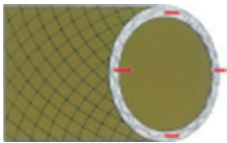
Green thermoplastic elastomer.

**Description:**

Special hose for transportation of gasoline, oil, and a variety of chemicals. Available in lengths up to 200m Can be rolled flat, is light-weighted and is quickly laid out and rolled up. Can be used as a filling hose for aircraft and helicopters.

#											
Part No.	mm	"	mm	mm	kg/m	bar	bar	Temp °C	bar	mm	m
31896-075	76	3"	82	3	0.55	10.5	42	-50 / +80	-	-	100
31896-100	102	4"	110	4	0.84	10.5	42	-50 / +80	-	-	100
31896-150	152	6"	160	4	1.62	10.5	42	-50 / +80	-	-	100

9



## CHEMICAL HOSE "ANGUS OFFSHORE" 14 BAR

**CONSTRUCTION:****Inside:**

Green thermoplastic elastomer.

**Reinforcement:**

Synthetic braiding with high tensile strength and inlaid grounding slit.










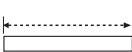
**Outside:**

Green thermoplastic elastomer.

**Description:**

Angus Offshore is a specially developed rig supply hose for diesel, paraffin, methanol, drillwater, cement, barytes, mud, drinking water etc. Max 2% prolongation at full load. Volumetric expansion of 15% at full working pressure. Produced according to BS 5750 Pt2. Approved by the UK Water Research Centre for transportation of drinking water.

Minimum breaking load	3" = 7	tons
	4" = 11	tons
	5" = 15	tons
	6" = 18	tons

#											
Part No.	mm	"	mm	mm	kg/m	bar	bar	Temp °C	bar	mm	m
31850-075	76	3"	84	4	1.03	14	56	-50 / +50	-	-	100
31850-100	102	4"	113	5.5	1.45	14	56	-50 / +50	-	-	100
31850-125	127	5"	139	6	2.05	14	56	-50 / +50	-	-	100
31850-150	152	6"	165	6.5	2.66	14	56	-50 / +50	-	-	100

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



## 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.

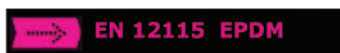
#### Outside:











Electrically conductive black EPDM rubber. Oil, weather and ozone resistant. R<1M ohm

#### Description:

Suitable for a variety of chemicals.

### Labeling:



#											
Part No.	ID	OD	WT	WT	WP	BP	T	V	BR	L	
	mm	"	mm	mm	kg/m	bar	bar	Temp °C	bar	mm	m
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.

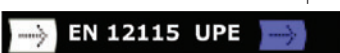
#### Outside:










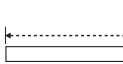
Black EPDM rubber.

#### 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	WT	WT	WP	BP	T	V	BR	L	
	mm	"	mm	mm	kg/m	bar	bar	Temp °C	bar	mm	m
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)	Max L m
	mm	"		bar	PSI	bar	PSI			
COMPCEMM-100	100	4"	5.2	15	200	75	1000	-40 / +100	400	35
COMPCEMM-150	150	6"	11.8	15	200	75	1000	-40 / +100	500	20
COMPCEMM-200	200	8"	14.5	15	200	75	1000	-40 / +100	740	20
COMPCEMM-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.

#	ID		WT	WP		BP (EN ISO 1402)		T	BR (EN ISO 1746)	Max L
Part No.	mm	"	kg/m	bar	PSI	bar	PSI	Temp °C	mm	m
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

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



## SPONVENT HOSE 6 BAR

**CONSTRUCTION:****Inside:**

Black SBR rubber.

**Reinforcement:**









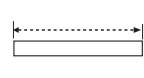
Synthetic textile braid and steel spirals.

**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 mm	OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
52945-025	25	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	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	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	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	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	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	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	102	6	3.10	6	18	-30 / +100	0.9	540	2-6
52945-100	102	116	7	3.60	6	18	-30 / +100	0.9	600	2-6
52945-110	115	129	7	3.70	6	18	-30 / +100	0.9	660	2-6
52945-125	127	141	7	4.50	6	18	-30 / +100	0.9	760	2-6
52945-150	152	168	8	6.30	6	18	-30 / +100	0.9	910	2-6
52945-200	203	221	8	10.00	6	18	-30 / +100	0.9	1200	2-6
52945-250	254	278	12	18.00	6	18	-30 / +100	0.9	1520	2-6

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



## BLACK BULK HOSE "HARDWALL" 10 BAR

### CONSTRUCTION:

#### Inside:

Black SBR rubber.

#### Reinforcement:










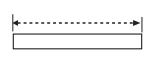
Synthetic textile braid and steel spirals.

#### Outside:

Black SBR rubber.

#### Description:

Suction and pressure hose for water and light solids, etc.

#											
Part No.	ID	mm	mm	WT	WT	WP	BP	T	V	BR	L
		mm	"	mm	kg/m	bar	bar	Temp °C	bar	mm	m
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, PVC/PU Hoses

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



## STEAM HOSE 7 BAR

### CONSTRUCTION:

<b>Inside:</b>	Black EPDM rubber.
<b>Reinforcement:</b>	Several layers synthetic textile cord.
<b>Outside:</b>	Black EPDM rubber. Mandrel built hose.
<b>Description:</b>	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.

#	ID		OD	WT	WT	WP	BP	T	V	BR	L
Part No.	mm	"	mm	mm	kg/m	bar	bar	Temp °C	bar	mm	m
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

### CONSTRUCTION:

<b>Inside:</b>	Black seamless extruded EPDM rubber.
<b>Reinforcement:</b>	Steel braiding
<b>Outside:</b>	Black EPDM rubber. Cover is pin-pricked.
<b>Description:</b>	For saturated and super-heated steam.

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

#	ID		OD	WT	WT	WP	BP	T	V	BR	L
Part No.	mm	"	mm	mm	kg/m	bar	bar	Temp °C	bar	mm	m
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

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





## 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.

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

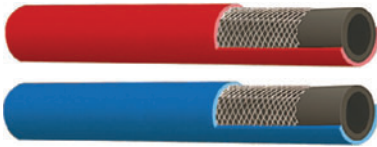
Blue/orange SBR wear/tear and ozone resistant rubber.

#### Description:

Smooth and durable MAP gas hose for oxygen, propane, propellant gas, etc.

#	ID	OD	WT	WT	WP	BP	T	V	BR	L
Part No.	mm	mm	mm	kg/m	bar	bar	Temp °C	bar	mm	m
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

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



## 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	WT	WT	WP	BP	T	V	BR	L
	mm	"	mm	mm	kg/m	bar	bar	Temp °C	bar	mm	m
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
Blue Oxygen											
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

9



## 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.	mm	"	OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
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

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



## 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.

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

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

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



## MILK HOSE “BLUE MILK FLEXTRA” 10 BAR

### CONSTRUCTION:

#### Inside:

White NBR rubber.

#### Reinforcement:

Synthetic textile braiding and steel spiral.










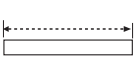
#### Outside:

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.	mm	"	mm	mm	kg/m	bar	bar	Temp °C	bar	mm	m
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



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

### CONSTRUCTION:

**Inside:** Black NBR

**Reinforcement:** PVA

**Outside:** Black NBR/PVC

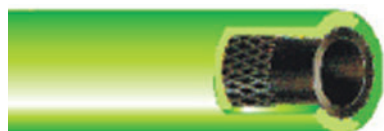
**Application:** Compressed Air

**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.

#	ID mm	OD mm	WT mm	WT g/m	WP bar	BP bar	T Temp °C	V bar	BR mm	Standard Length m
Part No.										
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

9



## 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.

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

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





## FOOD WASHDOWN HOSE "FORTRESS 300" 20 BAR

### CONSTRUCTION:

#### Inside:

White NBR rubber.

#### Reinforcement:

Synthetic textile braiding with high tensile strength.

#### Outside:

Blue Carbryn with anti-bacterial Microban®

#### Description:

The most advanced cleaning hose on the market.

The hose is unique in its kind because of its antiseptic properties.

Ideal for catering and food industry.

We have the hose in 3 pressure classes in stock. The 20 bar hose has food industry approved inner rubber.

Read more about  **Microban** on: [www.fluid-control.no](http://www.fluid-control.no)  
Microban Products Company

### "FORTRESS 300" 20 BAR

Is also available in other colors and dimensions.

#	ID		OD	WT	WT	WP	BP	T	V	BR	L
Part No.	mm	"	mm	mm	kg/m	bar	bar	Temp °C	bar	mm	m
61010-013	13	1/2"	23	5	0.43	20	80	-25 / +93	-	-	100
61010-019	19	3/4"	30	5.5	0.61	20	80	-25 / +93	-	-	100
61010-025	25	1"	38	6.5	0.89	20	80	-25 / +93	-	-	100

9



## FOOD WASHDOWN HOSE "FORTRESS 1500" 80 BAR

### "FORTRESS 1500" 80 BAR

Is also available in other colors and dimensions.

#	ID		OD	WT	WT	WP	BP	T	V	BR	L
Part No.	mm	"	mm	mm	kg/m	bar	bar	Temp °C	bar	mm	m
61020-013	13	1/2"	22	4.5	0.30	80	320	-25 / +93	-	-	100



## FOOD WASHDOWN HOSE "FORTRESS 3000" 200 BAR

### "FORTRESS 3000" 200 BAR

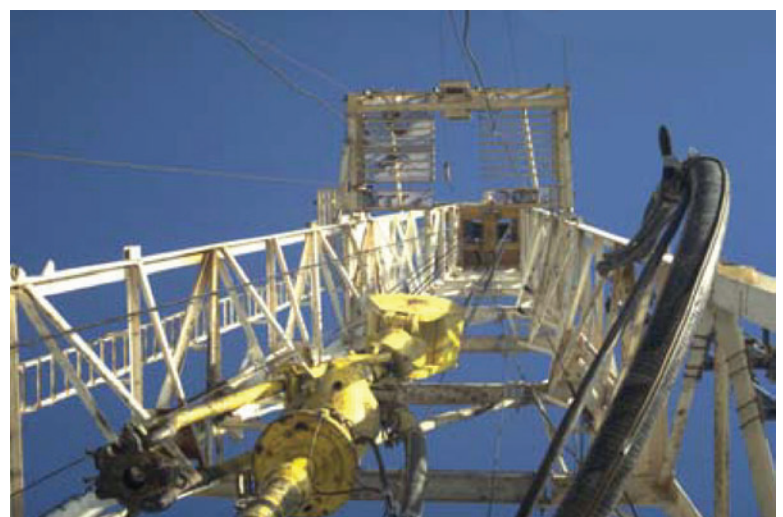
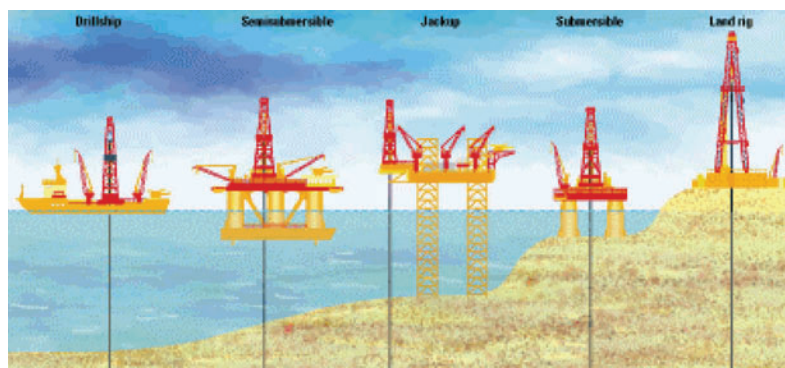
Is also available in other colors and dimensions.

#	ID		OD	WT	WT	WP	BP	T	V	BR	L
Part No.	mm	"	mm	mm	kg/m	bar	bar	Temp °C	bar	mm	m
61030-010	10	3/8"	18	4	0.36	200	800	-25 / +93	-	-	100
61030-013	13	1/2"	21	4	0.48	200	800	-25 / +93	-	-	100

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

WE PROVIDE ALL TYPES OF HOSES FOR THE OFFSHORE INDUSTRY.

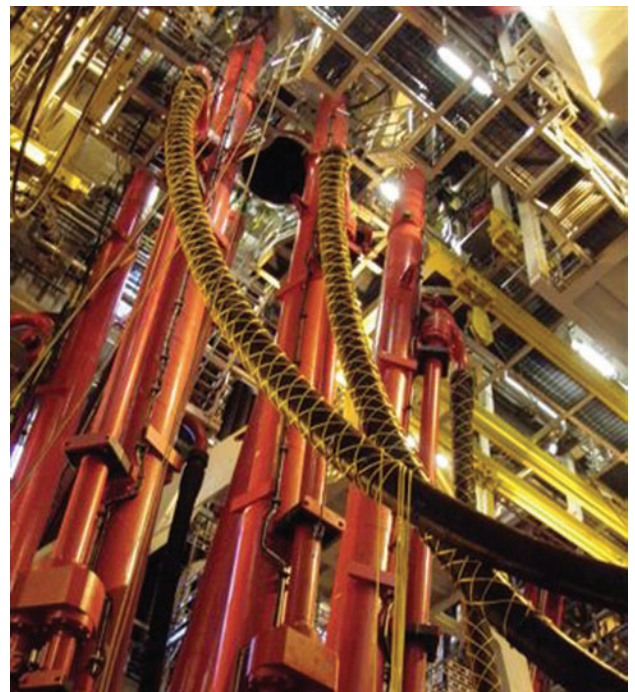
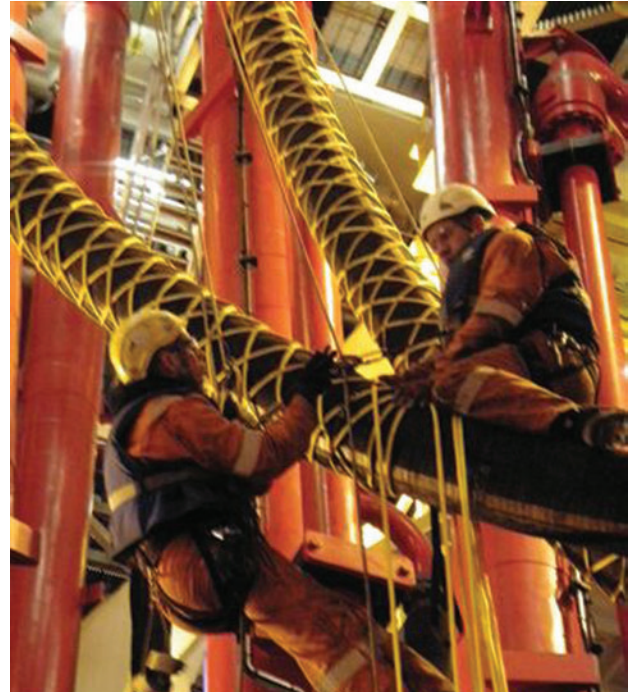
DRILLING HOSES  
 “CHOKE & KILL” HOSES  
 HP MUD HOSES  
 VIBRATOR HOSES  
 ROTARY HOSES



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

## FLUID CONTROL SAFE GRIP

- Prevents Unwanted Falling Objects
- Contributes to a safe drill floor
- Eliminates the conventional clamp and chain
- Chemical resistant
- UV resistant
- Manufactured in accordance with requirements from the Labour Inspection
- Same strength as same dimension steel wire
- The use of SAFE GRIP is applied patented
- A significant contribution to improved Health, Safety and Security
- Verifiable function, tested by third party
- Comes with documentation and user manual



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





## FISH PUMP HOSE 5 BAR

### CONSTRUCTION:

#### Inside:

Black Plyosin.

#### Reinforcement:











Synthetic textile braid with high tensile strength.

#### Outside:

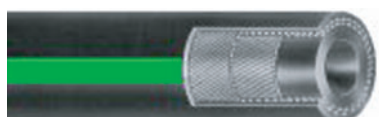
Black Plyosin.

#### Description:

Smooth, durable and lightweight fish pump hose with excellent abrasion properties. Ozone and seawater resistant.

#											
Part No.	ID mm	"	OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
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

9



## SAND BLASTING HOSE 12 BAR

### CONSTRUCTION:

#### Inside:

Black NR rubber with high wear resistance. Electrically conductive.

#### Reinforcement:










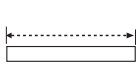
Synthetic textile braid with high tensile strength.

#### 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 <70mm<sup>3</sup> DIN 53516

#											
Part No.	ID mm	"	OD mm	WT mm	WT kg/m	WP bar	BP bar	T Temp °C	V bar	BR mm	L m
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

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



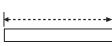



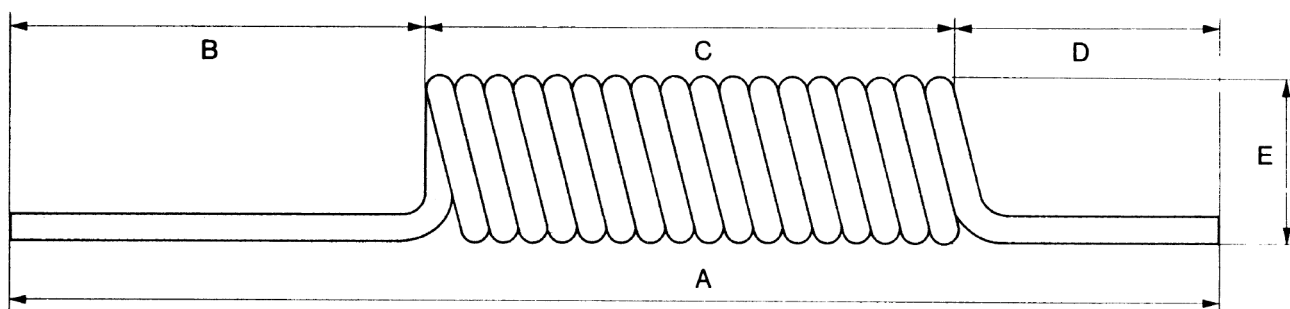
## SELF RETRACTING POLYURETHANE SPIRAL HOSE

**Construction:** Blue polyurethane spiral hose with "tails" in both ends, to keep quick couplings and fittings away from the spiral.

**Temperature range:** -40°C to + 80°C.

**Applications:** Air tools, instrumentation, etc.

#									
Part No.	mm	mm	m	bar	A mm	B mm	C mm	D mm	E mm
958-5820	8	5.0	2	10	780	500	180	100	42
958-5840	8	5.0	4	10	1000	500	400	100	42
958-5860	8	5.0	6	10	1230	500	630	100	42
958-5880	8	5.0	8	10	1400	500	800	100	42
958-6020	10	6.5	2	10	785	500	185	100	52
958-6040	10	6.5	4	10	1000	500	400	100	52
958-6060	10	6.5	6	10	1235	500	635	100	52
958-6080	10	6.5	8	10	1400	500	800	100	52
958-6220	12	8.0	2	10	780	500	180	100	65
958-6240	12	8.0	4	10	990	500	390	100	65
958-6260	12	8.0	6	10	1190	500	590	100	65
958-6280	12	8.0	8	10	1380	500	780	100	65
958-6620	16	11.0	2	10	741	500	140	100	108
958-6640	16	11.0	4	10	890	500	290	100	108
958-6660	16	11.0	6	10	1050	500	450	100	108
958-6680	16	11.0	8	10	1220	500	620	100	108



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



## PYROJACKET 500°C FLAME RESISTANT HEAT RESISTANT TYPE - PJ



### CONSTRUCTION:




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

### Production

<b>Lengths:</b>	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

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

## 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.








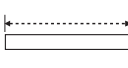
Flameshield 300 exceeds the requirements of the DNV and American Bureau of Shipping.

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 mm	“	OD mm	WT mm	WT kg/m	bar	psi	V %	BR mm	L mm
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

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

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

