



## 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:



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

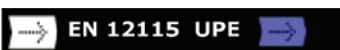
#### Outside:

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:



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

#										
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