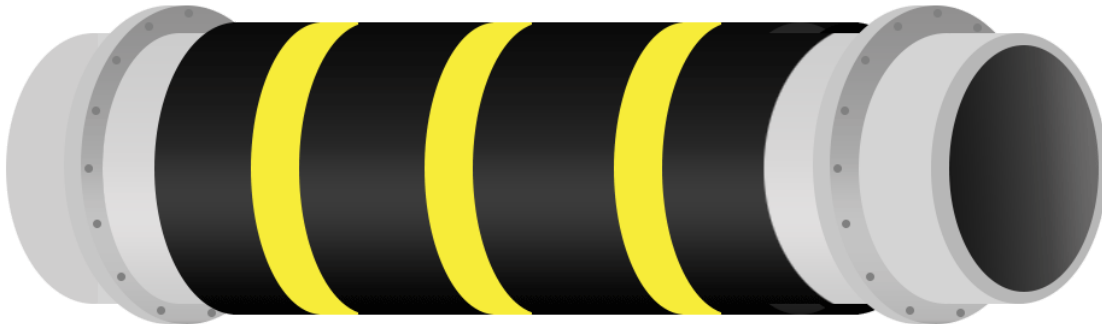


# MARINE CARGO HOSES

## WITH BUILT-IN NIPPLES



### SPECIFICATION

Marine Cargo Hoses (Bunkering Hoses ) with conical transition to the fitting and covered reinforcements. Vulcanised built-in flange nipples (see overleaf). Meets EN 1765.

### APPLICATION RANGE

For bulk loading and unloading of bunkering ships and tankers, for petroleum based products up to 50% aromatic content. Temperature range from -35°C up to +90°C, temporarily until 100°C.

### MARKING

Yellow bands and vulcanised embossed stamps according to standard and customer requirements, stating type, size, manufacturer and production date

### LINING

NBR black, el. dissipative, no fuel-solubility

### REINFORCEMENT

Multiple low tensile textile cord layers, standard type SBS with galvanized steel helices

### COVER

Chloroprene (CR), black, smooth, el. Dissipative

**Type SBL** is a light weight and very flexible collapsible hose without helix for pressure service. Meets category L 10 of EN 1765. Suitable for manual handling, very flexible. The reinforcement is constructed in such a way that the hose keeps its whole diameter even with 1 bar flow pressure. Type SBL is not suitable for gravity discharge and for suction. Please avoid permanent kinking.

PART NUMBER	WEIGHT APPROX.	HOSE SIZE			WORK PRESSURE	TEST PRESSURE	MAX. VACUUM	BAND. RADIUS	MAX. LENGTH
TYPE	(KG/M)	ID (IN.)	ID (MM)	OD (MM)	(BAR)	(BAR)	(BAR)	(MM)	(M)
SBL 100	4,0	4"	100	118	10	15	-	600	40
SBL 150	5,6	6"	150	168				900	30
SBL 200	9,1	8"	200	222				1200	15 (30)
SBL 250	15,0	10"	250	274				1500	15 (20)

**Type SBS** is the heavy standard bunkering hose with steel helix for suction and discharge. Meets EN 1765 category S 15. Recommended for crane operated dockside loading and unloading in harbours and refineries. Very robust and kink resistant. Electrically conductive due to metallic connection of steel helix with the hose tail. On request, available in a non electrically conductive version.

PART NUMBER	WEIGHT APPROX.	HOSE SIZE			WORK PRESSURE	TEST PRESSURE	MAX. VACUUM	BAND. RADIUS	MAX. LENGTH
TYPE	(KG/M)	ID (IN.)	ID (MM)	OD (MM)	(BAR)	(BAR)	(BAR)	(MM)	(M)
SBS 150	14,5	6"	150	181	15	23	0,8	850	30
SBS 200	18,8	8"	200	231				1100	15 (30)
SBS 250	26,6	10"	250	285				1350	15
SBS 300	37,7	12"	300	340				1600	10

#### BUILT-IN FLANGES NIPPLES

Hose tail with swivelling flange acc. to EN 1092-1 of carbon steel.

#### SPECIAL TYPES

Hose flanges also available according to other flange standards, i.e. PN 6, PN 25, ASA 150 lbs., ASA 300 lbs

HOSE SIZE I.D.		FLANGE MEASUREMENTS						WEIGHT
(MM)	(IN.)	DN (MM)	EN PN (BAR)	D (MM)	K (MM)	L (MM)	H (MM)	(KG)
100	4"	100	16	220	180	8 x 18	260	9,5
150	6"	150	16	285	240	8 x 22	320	16,0
200	8"	200	10	340	295	8 x 22	340	22,0
			16	340	295	12 x 22		
250	10"	250	10	395	350	12 x 22	400	34,0
			16	405	355	12 x 26		35,0
300	12"	300	10	445	400	12 x 22	450	46,0
			16	460	410	12 x 26	460	50,5