

# 050 Steel Braid CO<sub>2</sub> Fire extinguishing systems

INDUSTRIAL  
AUTOMATION

GAS

BEVERAGE  
DISPENSING

AIR CYLINDER  
FILLING 6000

CO<sub>2</sub>

FUEL

CHEMICALS

WATER

**Thermoplastic hose MSHA approved for CO<sub>2</sub> fire extinguishing systems**  
From 140 to 300 bar (2000 to 4300 psi)



## FEATURES

### Inner Tube

Polyester elastomer.

### Reinforcement

One braid of steel wire

### Cover

Polyurethane, black, pinpricked, white ink-jet branding

### Applications

- Off-shore and industrial CO<sub>2</sub> fire extinguishing installations

### Features

- One steel braid design for increased mechanical and pressure resistance
- Operating temperatures from -60°C to 93°C
- Pinpricked cover

### Description

Hose for use of connection between bottles, valves and manifolds for CO<sub>2</sub>, main fire extinguishing systems. The low temperature resistance of cover increases lifetime of these hoses.

### Temperature Range

-60°C to +93°C  
(-76°F to +199°F)

### Specifications

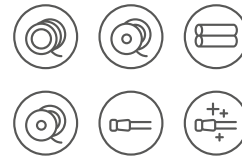
Meets or exceeds pressure specifications of EN853 1ST / EN853 1SN / EN857 1SC / SAE 100R1. DNV Type approval. Hose complies with Det Norske Veritas rules for classification of ships. DET NORSKE VERITAS standards for classification 2-9 NO 5-791.70

Only Transfer Oil or Transfer Oil authorized hose assembler who has the necessary qualification can perform the assembly of fittings onto flexible hoses type 050(X) as approved by DNV for carbon dioxide fire extinguishing. Certificate No. P-13309

## APPLICATIONS



## PACKAGING



## CERTIFICATION



Part No.	Hose size		ID		OD		WP		BP		Safety factor	Bend radius		Weight		Ferrule part no.		
	dash	inch	DN	mm	inch	mm	inch	bar	psi	bar		psi	mm	inch	g/m	lbs/ft	carbon	stainless
0501	-3	3/16"	5	5,00	0,197	9,70	0,382	300	4300	1200	17200	4:1	30	1,18	125	0,084	SA3111	-
0502	-4	1/4"	6	6,50	0,256	11,70	0,461	275	3900	1100	15600	4:1	40	1,57	155	0,111	SA3122	-
0503	-5	5/16"	8	8,10	0,319	13,20	0,520	212	3000	850	12000	4:1	55	2,17	190	0,128	SA3132	-
0504	-6	3/8"	10	9,80	0,386	15,50	0,610	212	3000	850	12000	4:1	65	2,56	230	0,155	SA3141	-
0505	-8	1/2"	12	13,00	0,512	18,80	0,740	175	2500	700	10000	4:1	85	3,35	300	0,202	SA3152	-
0506	-10	5/8"	16	16,30	0,642	22,00	0,866	140	2000	560	8000	4:1	115	4,53	320	0,215	SA3162	-