TRANSFER OIL
Pure Fluid Attitude

050 - STEEL BRAID CO2 FIRE EXTINGUISHING SYST.

Thermoplastic hose (MSHA approved cover) for CO2 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 - laser branding

Applications

Off-shore and industrial CO2 fire extinguishing installations

Features

One steel braid design for increased mechanical and pressure resistance - Operating temperatures from -60°C to 93°C (-76 °F to 199 °F) - Pinpricked cover

Description

Hose for use of connection between bottles / valves and manifolds for CO2 - Main fire extinguishing systems -The cover low temperature resistance increases lifetime of these hoses - Cover approved by MSHA (Mine Safety and Health Administration) - number IC-305.

Temperature Range

-60 °C to 93 °C (-76 °F to 199 °F)

Specification

Meets or exceeds pressure rating of EN853 1ST / EN853 1SN / EN857 1SC / SAE 100R1.

Standard Branding

TRANSFER OIL - TO INDUSTRIAL - Part No - STEEL BRAID C02 FIRE EXTINGUISHING SYSTEMS - Inch Size - DN Size - WP bar / psi - BP bar / BP psi - MSHA IC-305 - MADE IN ITALY - www.transferoil.com - QQ/YY - Batch No

Part no.	DN	Inches	Dash	ID (mm)	OD (mm)	WP (bar)	BP (bar)	ID (inch)	OD (inch)	WP (psi)	BP (psi)	SF	BR (mm)	BR (inch)	Weight (gr/m)	Weight (lb/ft)	Ferrule standard	Ferrule A316L
0501	DN5	3/16	-3	5.0	9.7	300	1200	0.197	0.382	4300	17200	4:1	30	1.18	126	0.085	SAB111	SAB811
0502	DN6	1/4	-4	6.5	11.7	275	1100	0.256	0.461	3900	15600	4:1	40	1.57	164	0.110	SAB121	SAB821
0503	DN8	5/16	-5	8.1	13.2	212	850	0.319	0.520	3000	12000	4:1	55	2.17	190	0.128	SAB131	SAB831
0504	DN10	3/8	-6	9.8	15.5	212	850	0.386	0.610	3000	12000	4:1	65	2.56	245	0.165	SAB141	SAB841
0505	DN12	1/2	-8	13.0	18.8	175	700	0.512	0.740	2500	10000	4:1	85	3.35	310	0.208	SAB151	SAB851
0506	DN16	5/8	-10	16.3	22.0	140	560	0.642	0.866	2000	8000	4:1	115	4.53	351	0.236	SAB161	SAB861
0507	DN20	3/4	-12	19.5	25.8	115	460	0.768	1.016	1600	6400	4:1	145	5.71	464	0.312	SAB171	SAB871

Dimensions and values shown may be changed without prior notice to improve product performances and reliability.

Transfer Oil S.p.A. assumes no liability on mistakes nor errors appearing in this spec sheet.
Document date: 27/11/2026
www.transferoil.com