TRANSFER OIL

Pure Fluid Attitude

084 - 1SB HYDRO-CHEM

Thermoplastic hose with MSHA approved cover, featuring steel wire reinforcement for high pressure chemicals applications from 95 to 360 bar (1300 to 5200 psi)



FEATURES

Inner Tube

Polyamide PA6

Reinforcement

One braid of steel wire

Cover

Polyurethane - black - non pinpricked - laser branding

Applications

Airless paint spray systems requiring additional mechanical strength of hose and/or electrical conductivity - Applications requiring high chemical resistance to solvents and aggressive fluids

Features

Polyamide tube construction - Steel braid for high pressure requirements and increased mechanical properties

Description

High pressure hose with black cover particularly designed for paint spray and solvent applications with increased resistance to abrasion mechanical strength and providing electrical conductivity - Cover approved by MSHA (Mine Safety and Health Administration), number IC-305.

Temperature Range

-40 °C to +100 °C (-40 °F to +212 °F): limited to 70 °C (+158 °F) for air and water based fluids

Specification

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

Standard Branding

TRANSFER OIL - TO INDUSTRIAL - Part No - HYDRO-CHEM - Inch Size - DN Size - WP bar / 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
0841	DN5	3/16	-3	5.0	9.7	360	1440	0.197	0.382	5200	20800	4:1	30	1.18	121	0.081	SAB111	SAB811
0842	DN6	1/4	-4	6.5	11.7	310	1240	0.256	0.461	4500	18000	4:1	40	1.57	156	0.105	SAB121	SAB821
0843	DN8	5/16	-5	8.1	13.2	250	1000	0.319	0.520	3600	14400	4:1	55	2.17	180	0.121	SAB131	SAB831
0844	DN10	3/8	-6	9.8	15.5	225	900	0.386	0.610	3200	12800	4:1	65	2.56	240	0.161	SAB141	SAB841
0845	DN12	1/2	-8	13.0	18.8	190	760	0.512	0.740	2700	10800	4:1	85	3.35	290	0.195	SAB151	SAB851
0846	DN16	5/8	-10	16.3	22.0	140	560	0.642	0.866	2000	8000	4:1	115	4.53	321	0.216	SAB161	SAB861
0847	DN20	3/4	-12	19.5	26.0	115	460	0.768	1.024	1600	6400	4:1	145	5.71	433	0.291	SAB171	SAB871
0848	DN25	1	-16	25.8	33.4	95	380	1.016	1.315	1300	5200	4:1	180	7.09	621	0.417	SAB181	SAB881

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: 26/11/2026
www.transferoil.com