



## 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](http://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	25.8	115	460	0.768	1.016	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: 30/08/2025*

*[www.transferoil.com](http://www.transferoil.com)*