



## 150 - HDH - HEAVY DUTY HYDRAULIC - STEEL ARMoured

Thermoplastic hose MSHA approved with combined reinforcement for high pressure hydraulic applications from 250 to 500 bar (3600 to 7200 psi)



### FEATURES

#### Inner Tube

Polyester elastomer

#### Reinforcement

One or two braids of aramid fiber plus one braid of steel wire

#### Cover

Polyurethane - black - non pinpricked - laser branding

#### Applications

General hydraulic applications requiring high mechanical protection properties of hose and braid combined with high pressure - construction equipment - hoisting and handling equipments - machine tools

#### Features

Rugged construction for HD application and prolonged lifetime - Combined reinforcement offers low volumetric expansion and optimum change in length characteristics - Abrasion resistant

#### Description

High pressure hose suitable for petroleum synthetic or water based hydraulic fluids in hydraulic systems. Suitable for general fluid power transmissions like earthmoving - forkliftstrucks - HD construction machinery - hoisting and handling equipment - high pressure equipment. Steel braid design offers very high mechanical strength which prolongs lifetime of the hose in harsh conditions. 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


#### Vacuum Rating

-0,93 bar; -700 mm Hg|-13,5 psi; -27,5 inch Hg

#### Specifications

Exceeds SAE 100R8 // EN855-R8 // ISO3949-R8

#### Standard Branding

 **TRANSFER OIL** - TO HYDRAULIC - Part No - HDH - HEAVY DUTY HYDRAULIC STEEL ARMoured - 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
1502	DN6	1/4	-4	6.5	12.6	500	2000	0.256	0.496	7200	28800	4:1	40	1.57	179	0.120	SAC121	SAC821
1504	DN10	3/8	-6	9.7	16.9	420	1680	0.382	0.665	6000	24000	4:1	60	2.36	282	0.189	SAC141	SAC841
1505	DN12	1/2	-8	13.0	20.3	350	1400	0.512	0.799	5000	20000	4:1	80	3.15	341	0.229	SAC151	SAC851
1506	DN16	5/8	-10	16.3	25.2	250	1000	0.642	0.992	3600	14400	4:1	115	4.53	488	0.328	SA5161	SA5861
1507	DN20	3/4	-12	19.5	28.7	250	1000	0.768	1.130	3600	14400	4:1	150	5.91	568	0.382	SA5171	SA5871

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*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.*

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