



## *HYDROFLEXTRA*

the hydraulic hose with an additional value



**HYDROFLEXTRA®**

## The hydraulic hose with an additional value

The **HYDROFLEXTRA®** product line is a further improvement on well known existing products.

The price/performance ratio of this product range is so well balanced it will exceed your expectations.

This hose offers **extra** features including:

1. Superior abrasion-resistance of the synthetic outside cover.
2. Better ozone- and UV-resistance.
3. Great saltwater-resistance.
4. Strong flame-retardant (at least according to US MSHA requirements).
5. Very short bend radius and easy to handle.
6. The marking by HYDROFLEXTRA mylar tape print on the hose completes this product.

The **HYDROFLEXTRA®** products can be used for all high pressure applications in extreme circumstances, such as heavy weather influences and strong mechanical forces.

So very suitable for use in mining industry, shipping industry, offshore, mechanical engineering and automotive. But also in standard hydraulic environments.

**Resistance:**

The **HYDROFLEXTRA®** can be used with all hydraulic fluids based on mineral oil, for oil-water-emulsions, water-glycol fluids and lubricants based on vegetable or mineral oil. The hose is also suitable for use with biologically degradable fluids, however limited by fluid additives.

Please check for suitability with us.

**Hose construction:**

The inner tube is made of oil resistant synthetic rubber. The reinforcement consists of 2 up to 6 high tensile steel wire layers. The outer tube is made of special synthetic rubber which adds to the unique qualities of the hose.

**Characteristics:**

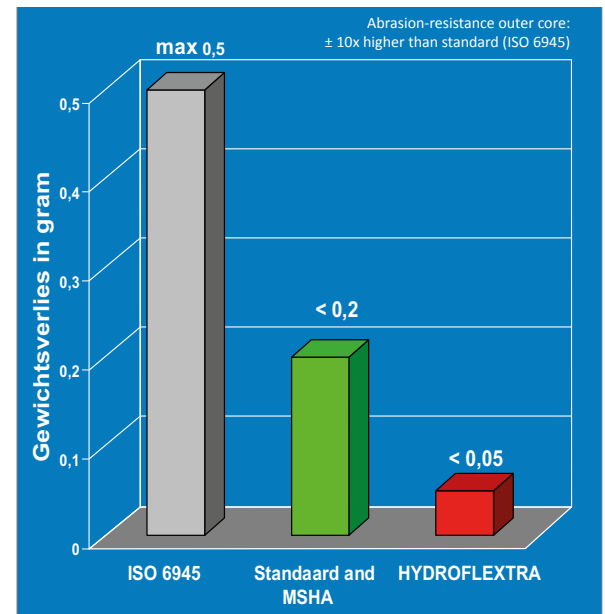
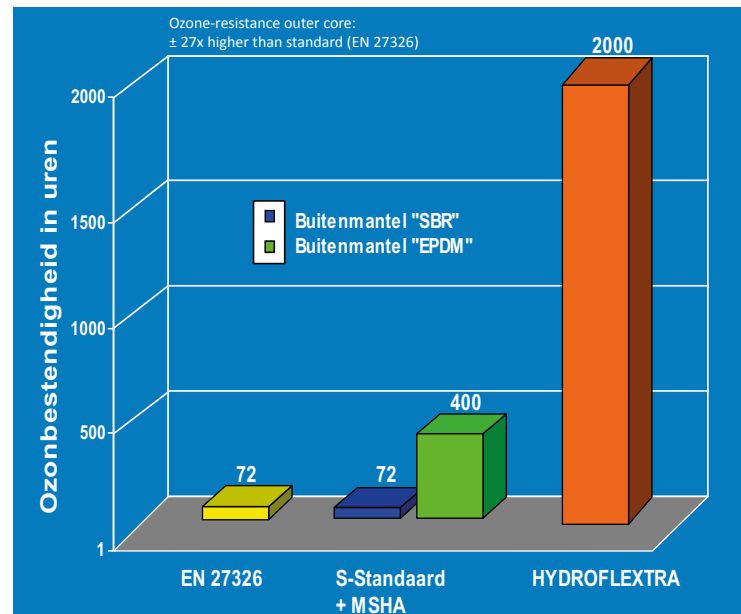
- Superior abrasion-resistance of the hose cover. 10x higher than the standard (EN-ISO 6945).
- Excellent ozone- and uv-resistance. 27x higher than the standard (EN 27326).
- Flame-retardant according to US MSHA specifications.
- Temperature range -40°C to +100°C up to 120°C (for a short period of time).
- Antistatic.

**Important:**

Regularly exceeding of maximum working pressure at maximum temperature and minimum bend radius reduces service life. See our general information about hose and hose-assemblies on proper use of these products.

**General:**

The general specifications of the **HYDROFLEXTRA®**, pressure, bend radius, measurements etc. are in accordance with the respective type-specifications which you can find in our productcatalogue or on our website: [www.hydroflex.nl](http://www.hydroflex.nl)



	2K (2 steel wire braids)			2SN (2 steel wire braids)			3 (3 steel wire braids)			4SH (4 steel wire spirals)			R15 (4/6 steel wire spirals)		
	↔	↖	Ref	↖	↖	Ref	↖	↖	Ref	↖	↖	Ref	↖	↖	Ref
1/4	450	1800	8028-004												
5/16	420	1680	8028-005												
3/8	385	1540	8028-006				500	2000	8039-006						
1/2	345	1380	8028-008				470	1880	8039-008						
5/8	290	1160	8028-010				410	1640	8039-010						
3/4	280	1120	8028-012				375	1500	8039-012	420	1680	9045-012			
1	200	800	8028-016				327	1310	8039-016	380	1520	9045-016	420	1680	9048-016
1.1/4				125	620	8022-020	240	960	8039-020	350	1400	9045-020	420	1680	9048-020*
1.1/2				90	520	8022-024				290	1160	9045-024	420	1680	9048-024*
2				78	420	8022-032				250	1000	9045-032	420	1680	9048-032*
2.1/2				69	300	8022-040									
3				50	240	8022-048									

Assemblies of HYDROFLEXTRA in combination with standard Voss Fluid Larga hose fittings when assembled by Hydroflex, are equipped with ABS and DNV type approval.

## Advantages compared to our standard hydraulic hose imPRESSd

	Ref. 8039 HYDROFLEXTRA®	Ref. 9041 EN 856-4SP	Ref. 8039
↖	BAR	BAR	BAR
↖	BAR	BAR	BAR
↖	%	%	%
↖	3/8	500	445
↖	1/2	470	415
↖	5/8	410	350
↖	3/4	375	350
↖	1	327	280
↖	DN	mm	mm
↖	3/8	120	180
↖	1/2	160	230
↖	5/8	210	250
↖	3/4	260	300
↖	1	310	340



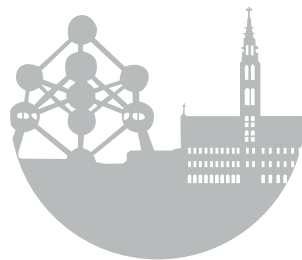


*impressive in hydraulics*



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