

NovaFlex® has developed a series of custom designed hose styles to meet the demanding requirements of dredging applications. There is NovaDredge Suction, NovaDredge Discharge (available in both a hardwall and softwall version) NovaDredge Sleeve and NovaDredge Gimbal. These hoses are available in various wear resistant tube configurations, based on the specific dredge requirement.

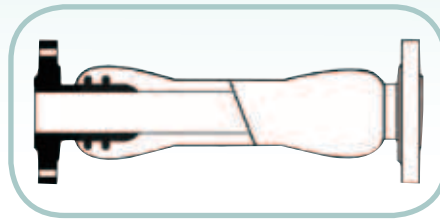
NovaDredge Suction 5333

I.D.	Tube Gauge	MBR"	WP (psi)	Vac (HG)
8	3/8	48	50	29
8 7/8	3/8	52	50	29
10	1/2	60	50	29
10 3/4	1/2	65	50	29
12	1/2	72	50	29
12 3/4	1/2	77	50	29
14	3/4	84	50	29
16	3/4	96	50	29
18	3/4	108	50	29
20	1	120	50	29
24	1	144	50	29

NovaFlex® 5333 NovaDredge Suction

Hardwall design with the most rugged tube compound found in the rubber industry NovaWear-YG.

This is a maximum cut, gouge, tear and abrasion resistant tube. The hose design is commonly used for both suction and boom/stinger applications. NovaDredge Suction is built with a helix wire spaced for flexibility and full flow ends for maximum wear resistance.



NovaFlex® NovaDredge Discharge

Built in both hardwall and soft wall design. Typically used in stern discharge applications.

NovaDredge 5334 Hardwall

Hardwall design has a rugged tube with a heavy steel wire helix designed to be used where the bend radius needs to be controlled. This hose holds its shape and handles end pull very well. Tube thickness typically is 3/8" to 1".

NovaDredge Discharge - Hardwall

I.D.	Tube Gauge	MBR"	WP (psi)	Vac (HG)
8	3/8	48	150	29
8 7/8	3/8	52	150	29
10	1/2	60	150	29
10 3/4	1/2	65	150	29
12	1/2	72	150	29
12 3/4	1/2	77	150	29
14	3/4	84	150	29
16	3/4	96	150	29
18	3/4	108	150	29
20	1	120	150	29
24	1	144	150	29

NovaDredge 5335 Softwall

Softwall design has the same tube but has no helix. This hose has a strengthened carcass with extra reinforcement. This design is used where kinking is unavoidable.

NovaDredge Discharge - Softwall

I.D.	Tube Gauge	MBR"	WP (psi)	Vac (HG)
8	3/8	48	50	29
8 7/8	3/8	52	50	29
10	1/2	60	50	29
10 3/4	1/2	65	50	29
12	1/2	72	50	29
12 3/4	1/2	77	50	29
14	3/4	84	50	29
16	3/4	96	50	29
18	3/4	108	50	29
20	1	120	50	29
24	1	144	50	29

Dredge Hoses

NovaFlex® 5331 NovaDredge Sleeves

Typically used on discharge piping applications to connect dredge pipe sections. This hose is connected with various end connections or through the use of external clamps.



NovaDredge Sleeves 5331

I.D.	O.D.	Tube Gauge	WP psi	WT LBS/FT
4½	5.73	¾	150	5.45
6	7.25	¾	150	7.51
6¾	8.017	¾	150	9.26
8¾	10.19	¾	150	12.97
10¾	12.50	½	150	17.83
12¾	14.55	½	150	22.80
14	16.04	½	150	27.21
16	18.04	½	150	30.82

NovaFlex® 5335 NovaDredge Gimbal

Typically used on vacuum arms found on hopper dredges. Can also be utilized where extra flexibility is required.

This type of hose is custom designed for each application.

The gimbal design provides maximum flexibility. The thick tube is designed to maximize the longest safe service life possible.

(Can be used in applications that require a smaller bend radius than standard helix wire hose can provide.)



NovaDredge Gimbal 5335

I.D.	Tube Gauge	MBR"	WP (psi)	Vac (HG)
8	¾	24	50	29
8¾	¾	35	50	29
10	½	40	50	29
10¾	½	43	50	29
12	½	48	50	29
12¾	½	51	50	29
14	¾	56	50	29
16	¾	64	50	29
18	¾	72	50	29
20	1	80	50	29
24	1	96	50	29

