

### Freedom 6000



- 1- Synthetic Rubber
- 2- Four Sprial Layers of High Tensile Steel Wire
- 3- Abrasion and Ozone Resistant Synthetic Rubber

**Tube:** Synthetic rubber, resistant against hydraulic fluids

**Reinforcement:** Four spiral layers of high tensile steel wire

**Cover:** Abrasion and ozone resistant synthetic rubber MSHA

**Temperature:** -40° C to 121° C / -40° F to +250° F

**Application:** High Impulse

**Termination:** 400XF series fitting, 600SF series hose fitting

**Key Note:** ISO 18752-CC MSHA IC-8/17

Half Bend Radius Compared To Most Spiral Hoses

\*500,000 tested impulse cycles

### MSHA/ABS/DNV certificates available upon request

Part Number	Hose I.D.	Hose O.D.		Max Working Pressure	Minimum Burst Pressure	Minimum Bend Radius		Weight	Termination
	(in)	(in)	(mm)	(psi)	(psi)	(in)	(mm)	(lbs/ft)	Fitting Type
Freedom6000-06	3/8"	.79	20.2	6,000	24,000	2.55	65	.46	200/400XF/600SF 1-piece
Freedom6000-08	1/2"	.90	22.9	6,000	24000	3.54	90	.53	200/400XF/600SF 1-piece
Freedom6000-10	5/8"	1.04	26.5	6,000	24000	3.94	100	.71	200/400XF/600SF 1-piece
Freedom6000-12	3/4"	1.21	30.7	6,000	24000	4.72	120	.98	400XF/600SF 1-piece
Freedom6000-16	1"	1.48	37.5	6,000	24000	5.91	150	1.30	400XF/600SF 1-piece
Freedom6000-20	1-1/4"	1.98	50.5	6,000	24000	15.74	400	2.53	600SF 1-piece
Freedom6000-20-4W	1-1/4"	1.86	47.3	6,000	24,000	15.74	400	2.02	400XF/600SF 1-piece
Freedom6000-24	1-1/2"	2.25	57.4	6,000	24000	18.11	460	3.22	600SF 1-piece
Freedom6000-32	2"	2.81	71.5	6,000	24000	21.25	540	4.54	600SF 1-piece

### Freedom 5000



- 1- Synthetic Rubber
- 2- Four Sprial Layers of High Tensile Steel Wire
- 3- Abrasion and Ozone Resistant Synthetic Rubber

**Tube:** Synthetic rubber, resistant against hydraulic fluids

**Reinforcement:** Four spiral layers of high tensile steel wire

**Cover:** Abrasion and ozone resistant synthetic rubber MSHA

**Temperature:** -40° C to 121° C / -40° F to +250° F

**Application:** High Impulse

**Termination:** 400XF series fitting, 600SF series hose fitting

**Key Note:** ISO 18752-CC MSHA IC-8/17

Half Bend Radius Compared To Most Spiral Hoses

\*500,000 tested impulse cycles

### MSHA/ABS/DNV certificates available upon request

Part Number	Hose I.D.	Hose O.D.		Max Working Pressure	Minimum Burst Pressure	Minimum Bend Radius		Weight	Termination
	(in)	(in)	(mm)	(psi)	(psi)	(in)	(mm)	(lbs/ft)	Fitting Type
Freedom5000-20	1-1/4"	1.81	45.9	5,000	20,000	8.26	210	1.71	400XF/600SF 1-piece
Freedom5000-24	1-1/2"	2.10	53.4	5,000	20,000	9.84	250	2.19	400XF/600SF 1-piece
Freedom5000-24-4W	1-1/2"	2.10	53.4	5,000	20,000	9.84	250	2.19	400XF/600SF 1-piece

### Freedom 2MT



- 1- Synthetic Rubber
- 2- Two Braided Layers of High Tensile Steel Wire
- 3- Abrasion and Ozone Resistant Synthetic Rubber

**Tube:** Synthetic rubber, resistant against hydraulic fluids

**Reinforcement:** Two braids of high tensile steel wire

**Cover:** Tough Cover Abrasion and ozone resistant synthetic rubber

**Temperature:** -40° C to 121° C / -40° F to +250° F

**Application:** High Impulse

**Termination:** 200 Series

**Key Note:** Tough cover more durable for abrasion. Compact design for increased flexibility for higher working pressures

\*1,000,000 tested impulse cycles

### MSHA/ABS/DNV certificates available upon request

Part Number	Hose I.D.	Hose O.D.		Max Working Pressure	Minimum Burst Pressure	Minimum Bend Radius		Weight	Termination
	(in)	(in)	(mm)	(psi)	(psi)	(in)	(mm)	(lbs/ft)	Fitting Type
Freedom-2MT-04	1/4"	.53	13.4	6,525	26,100	1.77	45	.18	200 Series
Freedom-2MT-05	5/16"	.59	15.0	6,090	24,360	2.36	60	.21	200 Series
Freedom-2MT-06	3/8"	.67	17.0	5,585	22,340	2.76	70	.26	200 Series
Freedom-2MT-08	1/2"	.81	20.7	5,000	20,000	3.54	90	.35	200 Series
Freedom-2MT-10	5/8"	.93	23.6	4,205	16,820	5.12	130	.41	200 Series
Freedom-2MT-12	3/4"	1.09	27.7	4,060	16,240	6.30	160	.53	200 Series
Freedom-2MT-16	1"	1.40	35.6	2,900	11,600	8.27	210	.77	200 Series
Freedom-2MT-20	1-1/4"	1.71	43.5	2,540	10,160	11.81	300	1.05	200 Series

### Fitting Options For Freedom Hose

- \* 200 series fittings will be used on the Freedom series hoses. This is a 1-Piece non-skive product with new and improved capabilities.
- \* The new Xtrafit fittings (400XF) will take the place of the old style spiral hose fittings. The Xtrafit series fittings will be used on the Freedom series hoses. This is a 1-Piece non-skive product with new and improved capabilities.
- \* The 600 series will be replaced with the new and improved 600SF also known as our 600 series Spiralfit. Spiralfit can be used on the Freedom 6000, and many other styles, brands and types.