

Hydraulic HOSE

Super Artery Steel Wire Spiral Hose

Features:

Low bending radius; high pressure; long service life, weather resistant for more than 5 years.
Reduced bending radius and bending force meets ISO18752-CC.

Tube:

CR/NBR synthetic rubber for hydraulic fluids and bio-degradable hydraulic fluids.

Reinforcement:

Multi spiral high tensile super flexible four wires up to 1" and six wires from 1 1/4". 500,000 impulses tested.

Cover:

Black narrow cloth texture hose cover made of anti-aging synthetic rubber with high abrasion resistance

Working Pressure:

3045 PSI, 210 bar

Nominal Burst Pressure:

12180 PSI, 840 bar

Temperature:







-40°F/+250°F (-40°C /+121°C)

Marking:

 PARAGON



ISO 18752-CC 210BAR/3045PSI

 PART NO.	 ID		 OD		 Min. B. R.		 Weight		 Max. L
	Inch	mm	Inch	mm	Inch	mm	Lb/FT	Kg/m	ft/m
ISB-06-3000	3/8	10.0	0.62	15.8	2.6	65	0.23	0.34	200/61
ISB-08-3000	1/2	13.0	0.83	21.2	3.54	90	0.43	0.63	200/61
ISB-10-3000	5/8	16.0	0.95	24.23	3.94	100	0.53	0.78	200/61
ISB-12-3000	3/4	19.1	1.12	28.35	4.7	120	0.62	0.92	200/61
ISB-16-3000	1	25.5	1.39	35.3	5.9	150	0.89	1.32	200/61
ISB-20-3000	1 1/4	32.0	1.75	44.5	15.7	400	1.96	2.9	200/61
ISB-24-3000	1 1/2	38.7	2.07	52.5	18.8	480	2.05	3.05	200/61
ISB-32-3000	2	51.0	2.62	66.7	25.5	650	2.94	4.35	200/61

HYDRAULIC HOSE

Isobaric 4K Super Flexible Hydraulic Hose

Features:

Low bending radius; high pressure; long service life

Tube:

CR/NBR synthetic rubber for hydraulic fluid.

Reinforcement:

Multi spiral high tensile super flexible steel wire, four plies > 500,000 impulse cycles.

Cover:

Skiving-free black narrow cloth texture hose cover made of anti-aging synthetic rubber.

Working Pressure:

4061 PSI, 280 bar

Nominal Burst Pressure:

16244 PSI, 1120 bar

Temperature:

-40°F/+250°F (-40°C /+121°C)

Marking:

 PARAGON



ISO 18752 4000PSI

PART NO.	ID		WD OD		Pressure				Min. B. R.		Weight	Max. L
	inch	mm	mm	mm	W. P.		B. P.		Inch	mm	Kg/m	ft/m
					Bar	PSI	Bar	PSI				
ISB4K-06	3/8	10	17.8	21	280	4061	1120	16244	3.93	100	0.7	200/61
ISB4K-08	1/2	13	21.5	24.6	280	4061	1120	16244	5.51	140	0.83	200/61
ISB4K-10	5/8	16	25.4	28.2	280	4061	1120	16244	7.08	180	1.12	200/61
ISB4K-12	3/4	19	28.4	31.5	280	4061	1120	16244	7.87	200	1.43	200/61
ISB4K-16	1	25	35.7	39.2	280	4061	1120	16244	9.84	250	1.9	200/61

HYDRAULIC HOSE

Isobaric 5K Super Flexible Hydraulic Hose

Features:

Low bending radius; high pressure; long service life.

Tube:

CR/NBR synthetic rubber for hydraulic fluid.

Reinforcement:

Multi spiral high tensile super flexible steel wire, four plies
> 500,000 impulses tested.

Cover:

Skiving-free black narrow cloth texture hose cover
made of anti-aging synthetic rubber.

Working Pressure:

5076 PSI, 350 bar

Nominal Burst Pressure:

20305 PSI, 1400 bar

Temperature:

-40°F/+250°F (-40°C /+121°C)

Marking:

 PARAGON



ISO 18752-CC 5000PSI

PART NO.	ID		WD OD		Pressure				Min. B. R.		Weight	Max. L
	inch	mm	mm	mm	W. P.		B. P.		Inch	mm	lbs./FT	ft/m
					Bar	PSI	Bar	PSI				
ISB5K-06	3/8	10	18.7	21.9	350	5076	1400	20305	4	100	0.50	200/61
ISB5K-08	1/2	13	20.7	23.2	350	5076	1400	20305	5.5	140	0.60	200/61
ISB5K-10	5/8	16	24.8	27.6	350	5076	1400	20305	7	180	0.73	200/61
ISB5K-12	3/4	19	28.7	31.4	350	5076	1400	20305	7.8	200	0.96	200/61
ISB5K-16	1	25	35.7	38.6	350	5076	1400	20305	9.8	250	1.40	200/61
ISB5K-20	1 ¼	32	47.7	51.0	350	5076	1400	20305	15.7	400	2.55	200/61
ISB5K-24	1 ½	38	53.3	56.8	350	5076	1400	20305	18.8	480	3.02	200/61
ISB5K-32	2	51	67.3	70.8	350	5076	1400	20305	25.5	650	4.36	200/61

HYDRAULIC HOSE

Isobaric 6K Super Flexible Hydraulic Hose

Features:

Low bending radius; high pressure; long service life.

Tube:

CR/NBR synthetic rubber for hydraulic fluid.

Reinforcement:

Multi spiral high tensile super flexible steel wire, four plies > 500,000 impulses tested.

Cover:

Skiving-free black narrow cloth texture hose cover made of anti-aging synthetic rubber.

Working Pressure:

6091 PSI, 420 bar

Nominal Burst Pressure:

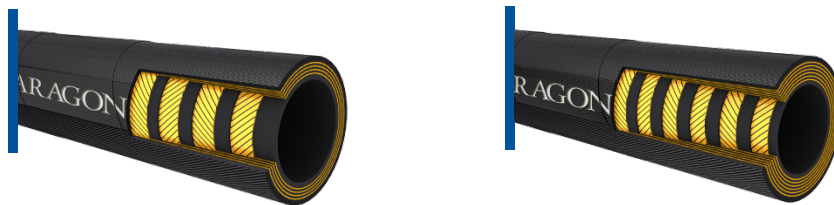
24366 PSI, 1680 bar

Temperature:

-40°F/+250°F (-40°C /+121°C)

Marking:

 PARAGON



ISO 18752-CC 6000PSI

PART NO.	ID		WD OD		Pressure				Min. B. R.		Weight	Max. L
	inch	mm	mm	mm	W. P.		B. P.		Inch	mm	lbs./ft	ft/m
					Bar	PSI	Bar	PSI				
ISB6K-06	3/8	10	18.7	21.9	420	6091	1680	24366	4	100	0.50	200/61
ISB6K-08	1/2	13	20.7	23.2	420	6091	1680	24366	5.5	140	0.60	200/61
ISB6K-10	5/8	16	24.8	27.6	420	6091	1680	24366	7	180	0.73	200/61
ISB6K-12	3/4	19	28.7	31.4	420	6091	1680	24366	7.8	200	0.96	200/61
ISB6K-16	1	25	35.7	38.6	420	6091	1680	24366	9.8	250	1.40	200/61
ISB6K-20	1 ¼	32	47.7	51.0	420	6091	1680	24366	15.7	400	2.55	200/61
ISB6K-24	1 ½	38	53.3	56.8	420	6091	1680	24366	18.8	480	3.02	200/61
ISB6K-32	2	51	67.3	70.8	420	6091	1680	24366	25.5	650	4.36	200/61