



SPIR STAR[®]

Blast-Pro[®]
Duralife[®] Flex
Maximus[®]
Silver Mongoose[®]

**High Pressure Waterblasting
Hose Product Overview**

Blast-Pro®

Flex Lances

Blast-Pro® flex lances increase cleaning efficiency and reduce lance time by providing you with a larger inner diameter hose with a smaller outer diameter and shorter end fitting. The Blast-Pro® flex lance has a sleeve length 50% shorter than conventional flex lances and increases the maximum outer diameter of the flex lance by only four hundredths of an inch. With the Blast-Pro® flex lance you can clean smaller tubes and pipes with a larger inner diameter hose. Complete your next job faster using Blast-Pro® flex lances.

ID	OD	Working Pressure	Min. Burst Pressure	Min. Bend Radius	Weight	Max Fitting OD
3/4						
0.13 inch	0.31 inch	29,000 psi	72,500 psi	4.33 inch	0.091 lbs/ft	0.47 inch
3.4 mm	8.0 mm	2,000 bar	5,000 bar	110 mm	0.135 kg/m	11.9 mm
3/6						
0.12 inch	0.36 inch	40,600 psi	101,500 psi	5.91 inch	0.149 lbs/ft	0.50 inch
3.0 mm	9.1 mm	2,800 bar	7,000 bar	150 mm	0.222 kg/m	12.7 mm
4/4						
0.16 inch	0.41 inch	31,900 psi	79,750 psi	5.12 inch	0.157 lbs/ft	0.49 inch
4.0 mm	10.3 mm	2,200 bar	5,500 bar	130 mm	0.234 kg/m	12.4 mm
5/4						
0.20 inch	0.44 inch	26,100 psi	65,250 psi	5.91 inch	0.175 lbs/ft	0.49 inch
5.0 mm	11.2 mm	1,800 bar	4,500 bar	150 mm	0.260 kg/m	12.4 mm
6/4						
0.25 inch	0.50 inch	21,750 psi	55,100 psi	7.09 inch	0.198 lbs/ft	0.57 inch
6.3 mm	12.6 mm	1,500 bar	3,800 bar	180 mm	0.295 kg/m	14.4 mm
8/4						
0.31 inch	0.57 inch	21,750 psi	55,100 psi	7.87 inch	0.262 lbs/ft	0.67 inch
8.0 mm	14.6 mm	1,500 bar	3,800 bar	200 mm	0.390 kg/m	17.0 mm
10/4						
0.39 inch	0.72 inch	21,750 psi	55,100 psi	7.87 inch	0.464 lbs/ft	0.81 inch
9.9 mm	18.4 mm	1,500 bar	3,800 bar	200 mm	0.690 kg/m	20.5 mm

Common Hose Assembly End Fittings*

- Type "M" Female Swivel (9/16"-18, 3/4"-16)
- Blast-Pro® Male or Female (1/4"-28, 3/8"-24, 9/16"-18)

Duralife® Flex

Flex Lances

Duralife® Flex was developed as an answer for limiting the abrasion and wear that is produced during the cleaning of tube bundles and pipes. Independent field tests have proven that Duralife® Flex lasts up to 40% longer than standard flex lances currently used. Duralife® Flex decreases downtime and replacement costs while increasing productivity.

ID	OD	Working Pressure	Min. Burst Pressure	Min. Bend Radius	Weight	Max Fitting OD
3/2						
0.13 inch	0.27 inch	14,500 psi	36,250 psi	2.36 inch	0.048 lbs/ft	0.36 inch
3.4 mm	6.9 mm	1,000 bar	2,500 bar	60 mm	0.072 kg/m	9.1 mm
4/2						
0.16 inch	0.31 inch	17,400 psi	43,500 psi	2.95 inch	0.074 lbs/ft	0.39 inch
4.0 mm	8.0 mm	1,200 bar	3,000 bar	75 mm	0.110 kg/m	9.9 mm
5/2						
0.20 inch	0.37 inch	15,080 psi	37,700 psi	3.74 inch	0.084 lbs/ft	0.47 inch
5.0 mm	9.4 mm	1,040 bar	2,600 bar	95 mm	0.125 kg/m	11.9 mm
6/2						
0.25 inch	0.45 inch	15,950 psi	36,250 psi	4.33 inch	0.118 lbs/ft	0.55 inch
6.3 mm	11.5 mm	1,100 bar	2,500 bar	110 mm	0.175 kg/m	13.9 mm
8/2PA						
0.32 inch	0.52 inch	12,180 psi	30,450 psi	5.12 inch	0.134 lbs/ft	0.70 inch
8.1 mm	13.3 mm	840 bar	2,100 bar	130 mm	0.200 kg/m	17.7 mm
5/3						
0.20 inch	0.41 inch	16,240 psi	40,600 psi	3.74 inch	0.146 lbs/ft	0.50 inch
5.0 mm	10.3 mm	1,120 bar	2,800 bar	95 mm	0.218 kg/m	12.7 mm
6/3						
0.24 inch	0.48 inch	15,080 psi	37,700 psi	4.33 inch	0.188 lbs/ft	0.60 inch
6.1 mm	12.3 mm	1,040 bar	2,600 bar	110 mm	0.280 kg/m	15.2 mm

Common Hose Assembly End Fittings*

- Male NPT, one piece - small OD (1/16", 1/8", 1/4", 3/8")
- Female NPT available for certain hose types

Maximus®

Ultra High Pressure

Maximus® is the first and only high efficiency Ultra High Pressure (UHP) hose. Maximus® works at pressures up to 46,000 psi, and with a 1/4" inner diameter, it decreases costly pressure drop that smaller inner diameter conventional UHP hoses cause. Maximus® increases operating pressure at the nozzle for improved cleaning efficiency and reduces back pressure for less wear and fatigue on your entire pump system. *SPIR STAR* also offers a full line of Maximus® High Flow adapters to give you even more pump performance. With improved flow rates and more efficient cleaning, let Maximus® conquer your UHP flow problems.

ID	OD	Working Pressure	Min. Burst Pressure	Min. Bend Radius	Weight
6/6 H					
0.23 inch	0.65 inch	40,600 psi	101,500 psi	9.84 inch	0.504 lbs/ft
5.9 mm	16.4 mm	2,800 bar	7,000 bar	250 mm	0.750 kg/m
6mmUHP					
0.23 inch	0.73 inch	46,400 psi	116,000 psi	11.02 inch	0.712 lbs/ft
5.8 mm	18.6 mm	3,200 bar	8,000 bar	280 mm	1.060 kg/m

Common Hose Assembly End Fittings*

- Type "M" Female Swivel (9/16"-18)
- High Pressure Tube Nipple (3/8"-24, 9/16"-18)

Silver Mongoose®

Multi-Purpose

Silver Mongoose® is a lightweight, flexible hose that can take the punishment of today's harsh applications that normal rubber hose just can't handle. With a Super-Urethane outer cover, this hose is suitable for rough service such as high pressure Line Moleing and Supply Hose. The Silver Mongoose® is available in sizes of 3/8" and 1/2" inner diameter with a working pressure of 15,000 psi. It's ready to tackle the toughest job you have.

ID	OD	Working Pressure	Min. Burst Pressure	Min. Bend Radius	Weight
8/2WR					
0.31 inch	0.63 inch	15,080 psi	37,700 psi	4.33 inch	0.245 lbs/ft
8.0 mm	16.0 mm	1,040 bar	2,600 bar	110 mm	0.364 kg/m
13/2WR					
0.50 inch	0.87 inch	15,080 psi	37,700 psi	5.91 inch	0.396 lbs/ft
12.8 mm	22.2 mm	1,040 bar	2,600 bar	150 mm	0.590 kg/m

Common Hose Assembly End Fittings*

- Male NPT (3/8", 1/2")

Additional High Pressure Water Blasting Hose Types

SPIR STAR offers every high pressure hose required for your water blasting needs. From the smallest flex lance in the industry to a one inch inner diameter 20,000 psi working pressure supply hose, we have the solutions you need to be effective and efficient.

Supply Hose

ID	OD	Working Pressure	Min. Burst Pressure	Min. Bend Radius	Weight
8/4					
0.31 inch	0.57 inch	21,750 psi	55,100 psi	7.87 inch	0.262 lbs/ft
8.0 mm	14.6 mm	1,500 bar	3,800 bar	200 mm	0.390 kg/m
13/4H					
0.50 inch	0.87 inch	20,300 psi	50,750 psi	7.87 inch	0.591 lbs/ft
12.8 mm	22.0 mm	1,400 bar	3,500 bar	200 mm	0.880 kg/m
20/4					
0.74 inch	1.13 inch	15,080 psi	37,700 psi	9.84 inch	0.907 lbs/ft
18.8 mm	28.8 mm	1,040 bar	2,600 bar	250 mm	1.350 kg/m
20/6					
0.74 inch	1.29 inch	20,300 psi	50,750 psi	13.78 inch	1.458 lbs/ft
18.8 mm	32.8 mm	1,400 bar	3,500 bar	350 mm	2.170 kg/m
25/6					
0.98 inch	1.57 inch	20,300 psi	43,500 psi	23.62 inch	1.88 lbs/ft
24.8 mm	39.8 mm	1,400 bar	3,000 bar	600 mm	2.80 kg/m

Common Hose Assembly End Fittings*

- Type "M" Female Swivel (3/4"-16, 1"-12, 1 5/16"-12)

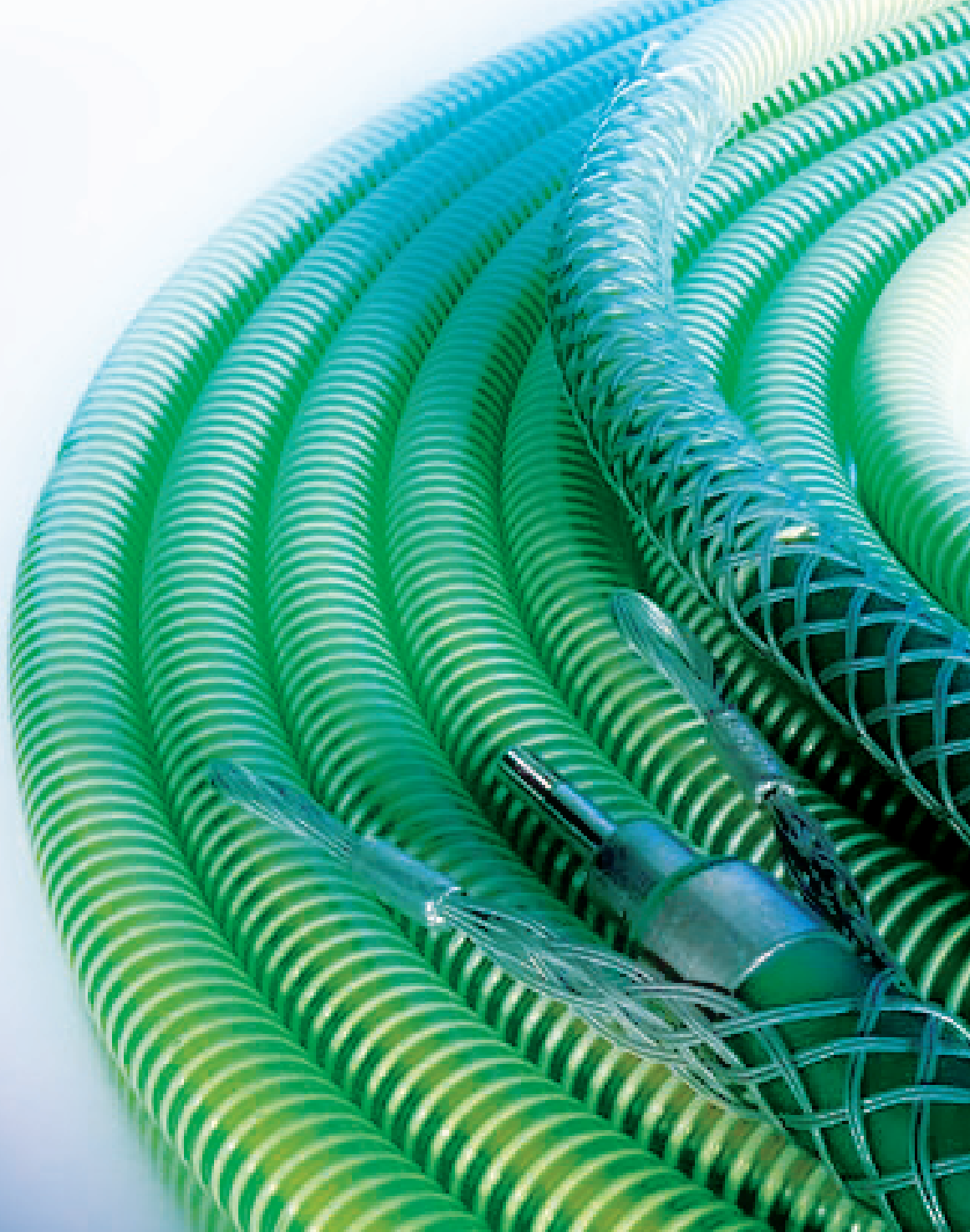
Ultra High Pressure (UHP) Hose

ID	OD	Working Pressure	Min. Burst Pressure	Min. Bend Radius	Weight
5/6H					
0.18 inch	0.57 inch	40,600 psi	101,500 psi	8.66 inch	0.378 lbs/ft
4.6 mm	14.4 mm	2,800 bar	7,000 bar	220 mm	0.563 kg/m
8/6H					
0.30 inch	0.74 inch	36,250 psi	90,620 psi	10.24 inch	0.622 lbs/ft
7.7 mm	18.8 mm	2,500 bar	6,250 bar	260 mm	0.925 kg/m
5mmUHP					
0.18 inch	0.60 inch	46,400 psi	116,000 psi	9.84 inch	0.466 lbs/ft
4.5 mm	15.3 mm	3,200 bar	8,000 bar	250 mm	0.693 kg/m
8/6UHP-X					
0.30 inch	0.76 inch	44,000 psi	101,500 psi	11.81 inch	0.709 lbs/ft
7.6 mm	19.3 mm	3,035 bar	7,000 bar	300 mm	1.055 kg/m
13mmUHP					
0.50 inch	1.09 inch	40,600 psi	87,000 psi	13.78 inch	1.401 lbs/ft
12.8 mm	27.7 mm	2,800 bar	6,000 bar	350 mm	2.085 kg/m

Common Hose Assembly End Fittings*

- Type "M" Female Swivel (9/16"-18, 7/8"-14, 1"-12, 1 1/8"-12)
- High Pressure Tube Nipple (3/8"-24, 9/16"-18)

* Other fittings available upon request.



SPIR STAR[®]

Specialists in High Pressure

**Hose | Fittings | Adapters
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