

PIRANHA SEWER HOSE

In accordance with Waste Equipment Technology Association (WASTEC - formally WEMI) specifications, Piranha Hose Products offers **yellow** color-coded hose inner tube, fittings, menders, assembly equipment and tooling. In addition, Piranha Hose cover colors conform to industry standards for maximum operating pressure ratings.

Cover colors and psi ratings are Orange = 2,500 psi, Blue = 3,000 psi and Safety Green = 4,000 psi. For safety assurance, all Piranha factory-assembled hose reels and bulk hose are 100% pressure tested.

Please call your friendly customer service representative for more information on Piranha **ARMOR BELT™** (patent pending) and other innovative engineered products. Piranha Hose Products also manufactures hydraulic hoses and specialty application hoses.

LATERAL LINE and SHP HOSE

CONSTRUCTION

A yellow olefin tube, double high tensile braid reinforcement, and a blue polyether-urethane cover.

KEY CHARACTERISTICS				PIRANHA LL 3,000			
Hose#	Hose Color	Nom I.D. (Inches)	Nom O.D. (Inches)	Max. Op. Pressure PSI	Min. Burst Pressure PSI	Minimum Bend Radius	Weight lbs/ft
LL8 - 3000	Blue	.505	.834	3,000	7,500	4"	.160



TEMPERATURE RANGE ON ALL LATERAL LINE AND SHP HOSE IS -40 °F to 122°F

CONSTRUCTION

A yellow olefin tube, double high tensile braid reinforcement, and a safety green polyether-urethane cover.

KEY CHARACTERISTICS				PIRANHA LL 4,000			
Hose#	Hose Color	Nom I.D. (Inches)	Nom O.D. (Inches)	Max. Op. Pressure PSI	Min. Burst Pressure PSI	Minimum Bend Radius	Weight lbs/ft
LL2-4000	Green	.140	.322	4,000	10,000	1.25"	.035
LL3-4000	Green	.188	.413	4,000	10,000	1.75"	.052
LL4-4000	Green	.253	.496	4,000	10,000	2.5"	.064
LL6-4000	Green	.382	.648	4,000	10,000	3"	.105
LL8-4000	Green	.505	.834	4,000	10,000	4"	.160

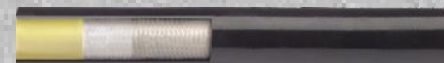


PLEASE CALL CUSTOMER SERVICE AT (231) 779-4390 FOR AVAILABILITY ON TOOLING, FITTINGS AND MENDERS

CONSTRUCTION

A yellow olefin tube, double high tensile braid reinforcement, and a black polyether-urethane cover. (SHP-10 has a single aramid braid)

KEY CHARACTERISTICS				PIRANHA SHP 4,000			
Hose#	Hose Color	Nom I.D. (Inches)	Nom O.D. (Inches)	Max. Op. Pressure PSI	Min. Burst Pressure PSI	Minimum Bend Radius	Weight lbs/ft
SHP-8	Black	.500	.870	4,000	12,000	3"	.198
SHP-10	Black	.625	.905	4,000	12,000	4"	.157



THE USE OF END FITTINGS AND ASSEMBLY TOOLING OTHER THAN THAT SUPPLIED BY PIRANHA HOSE PRODUCTS IS AT THE RISK AND LIABILITY OF THE USER.

CONSTRUCTION

A yellow olefin tube, double high tensile braid reinforcement, and a red polyether-urethane cover. (LL8-5000 has a single aramid braid)

KEY CHARACTERISTICS				PIRANHA LL 5,000			
Hose#	Hose Color	Nom I.D. (Inches)	Nom O.D. (Inches)	Max. Op. Pressure PSI	Min. Burst Pressure PSI	Minimum Bend Radius	Weight lbs/ft
LL3-5000	Red	.188	.413	5,000	12,500	1.75"	.035



PIRANHA SEWER HOSE

Piranha[®] hose is constructed from materials selected to provide rugged and reliable service under even the most severe and demanding conditions found in high pressure sewer cleaning applications. Every Piranha sewer cleaning hose is constructed with a poly-olefin tube which provides maximum resistance to the hydrolysis commonly associated with other thermoplastic tube materials.

Reinforcement with high tensile polyester fiber contributes to an exceptionally low volumetric expansion rate and eliminates loss of strength from moisture absorption. A polyether-urethane cover provides exceptional cut, abrasion and fungus resistance. And lastly, all components are bonded together to maximize fitting retention and wear resistance, and provide smaller minimum bend radii.

SP HOSE



CONSTRUCTION

2,500 PSI

A yellow olefin tube, single high tensile braid reinforcement, and an orange polyether-urethane cover.

TEMPERATURE RANGE: -40 °F to 122°F

KEY CHARACTERISTICS				PIRANHA SP HOSE				
Hose#	Hose Color	Hose I.D. (Inches)	Hose O.D. (Inches)	Max. Operating Pressure PSI	Min. Burst Pressure PSI	Minimum Bend Radius	Cover Thickness (Inches)	Weight lbs/ft
SP - 10	Orange	.625	.960	2,500	6,250	4"	.050	.19
SP - 12	Orange	.750	1.18	2,500	6,250	5"	.070	.28
SP - 16	Orange	1.00	1.46	2,500	6,250	6"	.065	.40
SP - 20	Orange	1.26	1.80	2,500	6,250	8"	.095	.59

HP HOSE



CONSTRUCTION

3,000 PSI

A yellow olefin tube, double high tensile braid reinforcement, and a blue polyether-urethane cover.

TEMPERATURE RANGE: -40 °F to 122°F

KEY CHARACTERISTICS				PIRANHA HP HOSE				
Hose#	Hose Color	Hose I.D. (Inches)	Hose O.D. (Inches)	Max. Operating Pressure PSI	Min. Burst Pressure PSI	Minimum Bend Radius	Cover Thickness (Inches)	Weight lbs/ft
HP - 12	Blue	.750	1.18	3,000	7,500	5"	.055	.29
HP - 16	Blue	1.00	1.475	3,000	7,500	8"	.050	.41

PIRANHA CRIMP-SEWER 1 PIECE FITTING

TO USE FOR HOSE SERIES: HABU, LAGR, SAOR, SL/HPBU, SL/LLBU, SL/LHBK, SL/LLGR, SL/LLRD, SL/SHBK, SL/SPOR

HOSE	SIZE (ID)	MALE FITTING	FEMALE FITTING	MALE SWIVEL	CRIMP DIAMETER (In)	CRIMP DIAMETER (mm)	LENGTH (In)	LENGTH (mm)	INSERTION DEPTH (In)	INSERTION DEPTH (mm)	DIES
HABU-12	3/4	FAR12NPT12	FAR12FS12	NA	1.320 +/- .005	33.5 +/- .130	1.500 +/- .005	38.1 +/- .130	1.750	44.450	99S-30
HABU-16	1	FAR16NPT16	FAR16FS16	NA	1.585 +/- .005	40.3 +/- .130	2.00 +/- .005	50.8 +/- .130	2.000	50.800	99S-34
HPBU-12	3/4	F12NPT12	F12FS12	NA	1.200 +/- .005	30.5 +/- .130	1.500 +/- .005	38.1 +/- .130	1.750	44.450	99S-30C
HPBU-16	1	F16NPT16	F16FS16	NA	1.465 +/- .005	37.2 +/- .130	2.000 +/- .005	50.8 +/- .130	2.125	53.975	99S-34B
LAGR-08	1/2	FAR08NPT8	FAR08FS08	NA	.985 +/- .005	25.0 +/- .130	1.375 +/- .005	34.9 +/- .130	1.500	38.100	99S-22
SAOR-10	5/8	FAR10NPT8	NA	NA	1.115 +/- .005	28.3 +/- .130	1.570 +/- .005	39.9 +/- .130	1.875	47.600	99S-27
SAOR-12	3/4	FAR12NPT12	FAR12FS12	NA	1.300 +/- .005	33.0 +/- .130	1.440 +/- .005	36.6 +/- .130	1.750	44.450	99S-30
SAOR-16	1	FAR16NPT16	FAR16FS16	NA	1.585 +/- .005	40.3 +/- .130	2.00 +/- .005	50.8 +/- .130	2.000	50.800	99S-34
SAOR-20	1 1/4	FAR20NPT20	NA	NA							
SL/LHBK-08	1/2	F08NPT8	F08FS8	F08MSNPT8							
SL/LLBU-08	1/2	F08NPT8	F08FS8	F08MSNPT8	.870 +/- .005	22.1 +/- .130	1.250 +/- .005	31.8 +/- .130	1.250	31.800	99S-22
SL/LLGR-02	1/8	F02NPT2	NA	NA	.368 +/- .003	9.4 +/- .080	0.520 +/- .003	13.2 +/- .080	0.500	12.700	99S-8
SL/LLGR-03	3/16	F03NPT2/F03NPT4	NA	NA	.485 +/- .005	12.3 +/- .130	0.875 +/- .005	22.2 +/- .130	0.750	19.050	99S-12
SL/LLGR-04	1/4	F04NPT4	NA	F04MSNPT4	.565 +/- .005	14.4 +/- .130	1.080 +/- .005	27.4 +/- .130	1.125	28.580	99S-13
SL/LLGR-06	3/8	F06NPT6	NA	F06MSNPT6	.689 +/- .005	17.5 +/- .130	1.080 +/- .005	27.4 +/- .130	1.200	30.480	99S-16
SL/LLGR-08	1/2	F08NPT8	F08FS8	F08MSNPT8	.870 +/- .005	22.1 +/- .130	1.250 +/- .005	31.8 +/- .130	1.250	31.800	99S-22
SL/LLGR-12	3/4	FAR12NPT12	NA	NA	1.310 +/- .005	33.3 +/- .130	1.440 +/- .005	36.6 +/- .130	1.750	44.450	99S-30
SL/LLGR-16	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SL/LLRD-04	1/4	F04NPT4	NA	F04MSNPT4	.565 +/- .005	14.4 +/- .130	1.080 +/- .005	27.4 +/- .130	1.125	28.580	99S-13
SL/LLRD-06	3/8	FCP06NPT-Z7	NA	F06MSNPT6	.745 +/- .005	18.9 +/- .130	1.080 +/- .005	27.4 +/- .130	1.200	30.480	99S-16
SL/LLRD-08	1/2	F08NPT8	NA	F08MSNPT8	.845 +/- .005	21.5 +/- .130	1.250 +/- .005	31.8 +/- .130	1.375	34.930	99S-19
SL/SHBK-08	1/2	FHP08NPT8	FHP08FS8	FHP08MSNPT8	.900 +/- .005	22.9 +/- .130	1.375 +/- .005	34.9 +/- .130	1.375	34.930	99S-22
SL/SHBK-10	5/8	FHP10NPT8	NA	NA	.945 +/- .005	24.0 +/- .130	1.625 +/- .005	41.3 +/- .130	1.750	44.450	99S-22
SL/SPOR-10	5/8	F10NPT8	NA	NA	1.040 +/- .005	26.4 +/- .130	1.750 +/- .005	44.5 +/- .130	1.750	44.450	99S-22
SL/SPOR-12	3/4	F12NPT12	F12FS12	NA	1.200 +/- .005	30.5 +/- .130	1.500 +/- .005	38.1 +/- .130	1.750	44.450	99S-30C
SL/SPOR-16	1	F16NPT16	F16FS16	NA	1.480 +/- .005	37.6 +/- .130	1.750 +/- .005	44.5 +/- .130	2.125	53.975	99S-34B
SL/SPOR-20	1 1/4	F20NPT20	NA	NA	1.800 +/- .005	45.7 +/- .130	1.500 +/- .005	41.3 +/- .005	1.750	44.450	99S-42
SL/SPOR-24	1 1/2	F24NPT24	NA	NA	2.310 +/- .005	58.7 +/- .130	2.125 +/- .005	54.0 +/- .130	2.125	53.975	99S-57



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WEBSITE: WWW.PIRANHAHOSE.COM

REV.W 9/29/15

WARNING!

IF YOU SEE “IT” - STOP “IT”: FAILURE TO PROPERLY REPAIR OR REPLACE HOSE AFTER EXPOSING WHITE BRAID REINFORCEMENT LAYER, CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.



DANGER

READ AND UNDERSTAND
THE FOLLOWING:

HOSE BASICS



LIKE STRANDS IN A BRIDGE CABLE, EACH REINFORCEMENT FIBER PLAYS AN EXACT ROLE IN THE ULTIMATE BURST STRENGTH OF THE HOSE. A **MINOR** SLICE OR NICK IN THE REINFORCEMENT CAN RESULT IN TOTAL HOSE FAILURE.

THE AGE OF THE HOSE **DOES NOT MATTER!** IT IS UNFORTUNATE, BUT EVEN HOSE USED (1) TIME CAN BE DAMAGED IN SEVERE APPLICATIONS. THESE HOSES MUST BE IMMEDIATELY REMOVED FROM SERVICE.

1. NEVER EXCEED THE MAXIMUM WORKING **PRESSURE**.
2. NEVER EXCEED THE MAXIMUM WORKING **TEMPERATURE**.
3. NEVER APPLY PRESSURE TO A **DAMAGED** HOSE.
4. HIGH PRESSURE HOSES ARE DESIGNED TO USE SPECIFIC **FITTINGS** AND **TOOLING**. NEVER USE A DIFFERENT **BRAND** OF FITTINGS OR TOOLING. FAILURE TO DO SO CAN CAUSE DEATH, PERSONAL INJURY AND/OR PROPERTY DAMAGE.
5. A **KINKED, CRUSHED,** OR **BLISTERED** HOSE WILL EVENTUALLY FAIL - DO NOT RISK INJURY. IMMEDIATELY REPAIR OR REMOVE HOSE FROM SERVICE.
6. FOLLOW THE PUMP/EQUIPMENT MANUFACTURERS **INSTRUCTIONS** FOR PRESSURIZED HOSE TESTING.



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(See reverse side for excerpts from the 2003 WASTEC guidelines)

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