

Angus Hose Product Guide

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MUNICIPAL



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FORESTRY

ANGUS HOSE, THE PROFESSIONALS CHOICE

Angus, part of the Kidde Fire Fighting Organization, is a legend in firefighting hose technology. With a commitment to firefighters that is unparalleled, Angus has been at the forefront of every major advance in fire hose design and construction for over 200 years. From the earliest leather hose to Reflective Hi-Combat™ II, and Firepower™ II, our commitment to constant research and development has positioned us as the innovator in fire hose products. Angus, the preferred hose of choice for the majority of fire departments throughout the USA, has come to stand for high performance, durability, safety and quality. Angus is a manufacturer of Firefighting Hose, Hose Connection Hardware, Firefighting Foam, Firefighting Equipment, and Flexible Pipeline Systems.

ARMOUR JACKET™ Hose Coating

Performance you can count on

All Angus woven jacket products are available with our unique, innovative, abrasion resistant coating. ARMOUR JACKET completely encapsulates the fibers of our jacket, providing a long lasting, vibrant color shield against the rough treatment that fire hose is exposed to every day. ARMOUR JACKET displays extreme resistance to bacterial and mildew growth as well.

When subjected to the Mil-H-24606B Taber Abrader test, ARMOUR JACKET surpassed the minimum requirement by 6 times compared to other hose manufacturers. This coating is available on Angus Firepower II, Ultima, Ultima Lite, Premier, Angus D700, Angus S600, Angus S500, and Angus S300 woven fire hose.

ARMOUR JACKET is offered in six vibrant NFPA recommended colors; red, yellow, orange, blue, green and tan.

Specify
ARMOUR
JACKET
to ensure
that you get
the very
best abrasion
resistant protection.



Municipal Double Jacket Fire Hose

Firepower™ II Aggressive Interior Attack Hose

Firepower™ II is an interior attack fire hose with the performance needed for the aggressive tactics employed by firefighters of today. Firepower II is a responsive, alert feeling attack hose with unmatched flexibility and kink resistance. Unlike other conventional attack hoses, Firepower II gives unprecedented superior performance and reduces strain on firefighters, even in the tightest and most demanding environments.



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Unbeatable and Revolutionary Anti-Kink Performance

- Passes 34", 24" and 18", doorway kink test.
- Loops to 11" before kink ensuring no line failure or loss of flow in the tightest of environments, even at 100 PSI line pressure.



Extraordinary Abrasion Resistance

- Our innovative ARMOUR JACKET coating demonstrates virtually no sign of wear when subjected to the standard FM & UL Abrasion test. Firepower II is available with this new coating in yellow, red, orange, blue, green and tan.

Significantly Reduced Drag Resistance

- Measurably less drag resistance over other conventional hose causing less strain on users.

Superb Water Resistant Jacket

- Our innovative ARMOUR JACKET coating and uniquely woven jacket drastically reduces water pickup over conventional hose; therefore significantly reducing overall weight of a hose line in use.
- Special coating provides enhanced protection from chemicals.



Outstanding Heat Resistance Performance

- Six times more heat resistance over other conventional hoses when subjected to the Angus Heated Constant Load Test.
- Through-the-weave rubber inner liners withstand very high temperatures. TPU liners will fail long before rubber liners when subjected to direct heat.

Specialized Construction & Physical Characteristics

- Through-the-weave rubber liner providing incredible puncture resistance, ultimate resistance to heat and maintains low friction loss performance.
- Uniquely woven synthetic outer jacket providing tough abrasion resistance, low drag resistance and incredible anti-kink performance.
- Light weight hose makes it easy to use and very easy to roll with an extremely compact rolled coil diameter.
- Provides outstanding performance for CAFS operations.



Angus Firepower II								Weight*		Coil Diameter	
Size	Service	Pressure Proof		Burst		Bowl Size		50' (15m)	50' (15m)	inch	mm
inch mm	psi kPa	psi	kPa	psi	kPa	inch	mm	lbs.	kg	inch	mm
1-1/2 38	400 2800	800	5600	1200	8400	1-15/16	49	14	6.3	20	508
1-3/4 50	400 2800	800	5600	1200	8400	2-1/6	55	15	6.8	21	533
2-1/2 65	400 2800	800	5600	1200	8400	3	76	27.5	12.5	22	559

* Weight is uncoupled

Municipal Double Jacket Fire Hose

Hi-Combat II™

Hi-Combat II™ is the ultimate in fire fighting hose technology for aggressive interior combat operations. Its unique 4-part construction design gives professional combat firefighters the performance, flexibility and endurance to deal with the toughest challenges.

With higher kink, heat, abrasion and chemical resistance, lower drag coefficient and unique anti-burst technology, Hi-Combat II's super powerful attributes set standards for fire hose that every fire fighter deserves.



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Hi-Combat II™

Fire Hose for aggressive interior combat operations

- Friction loss at 200 gpm is over 15% less than regular 1-3/4" hose.
- Kink Resistance exceeds that of conventional jacketed hose.
- Drag Coefficiency is the lowest of any fire hose we have tested making it easier to pull during attack operations.
- Abrasion resistant outer jacket is designed and manufactured to withstand a minimum of 2000 cycles on the U.L. abrasion test and 12,000 cycles on the F.M abrasion test programs.
- Anti-burst Technology ensures it will not burst catastrophically even with a 1/2" diameter hole through both the jacket and liner.
- Hi-Combat can withstand a surface temperature of 1000°F for a minimum of 45 seconds, at a static pressure of 100 psi.
- Cold Resistant to at least -36°F.
- Chemical Resistant liner protects from exposure to water and contamination by most chemical substances, hydrocarbons, oils and grease.
- Available as 1-3/4" line and 2-1/2" big flow line, ideal for master stream operations and high rise fire fighting.

Angus Hi-Combat II												
Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight*		Coil Diameter	
	psi	kPa	psi	kPa	psi	kPa	inch	mm	lbs.	kg	inch	mm
1-3/4 45	500	3500	1000	7000	1500	10500	2-1/8	54	18	8.1	16-1/2	419
2-1/2 65	400	2800	800	5600	1200	8400	2-1/8	73	27	12.3	18-1/2	470

Hi-Combat IIR

Hi-Combat IIR was designed to address situations where interior attack hose is used as a lifeline. With reflective material woven into the hose, fire fighters and civilians can follow the reflective "Exit Arrows" incorporated into the hose to safety.

Angus Hi-Combat IIR												
Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight*		Coil Diameter	
	psi	kPa	psi	kPa	psi	kPa	inch	mm	lbs.	kg	inch	mm
1-3/4 45	500	3500	1000	7000	1500	10500	2-1/8	54	18	8.1	16-1/2	419
2-1/2 65	400	2800	800	5600	1200	8400	2-1/8	73	27	12.3	18-1/2	470

* Weight is uncoupled



Municipal Woven Fire Hose



Ultima Polyester Double Jacket Rubber Lined Fire Hose

Angus Ultima is the ultimate in quality, municipal grade fire hose. This durable, double jacket hose is constructed of 100% high tensile strength polyester yarns, both warp and filler, and lined with a high-tech E.P.D.M. tube. Its engineered design guarantees minimum weight with maximum durability and flexibility. The standard color for Ultima Hose is white. Other colors available with our innovative ARMOUR JACKET abrasion resistant coatings are red, yellow, orange, blue, green and tan.

Angus Ultima												
Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight* 50' (15m)		Coil Diameter 50' (15m)	
	psi	kPa	psi	kPa	psi	kPa	inch	mm	lbs.	kg	inch	mm
1-1/2 38	400	2800	800	5600	1200	8400	1-15/16	49	15	6.8	18	457
1-3/4 45	400	2800	800	5600	1200	8400	2-1/8	54	22	9.9	18	457
2-1/2 65	400	2800	800	5600	1200	8400	3	76	31	14.0	21	533
3 75	400	2800	800	5600	1200	8400	3-9/16	90	42	18.9	21	533

Ultima Lite Polyester Double Jacket Urethane Lined Fire Hose

Angus Ultima Lite is a lightweight hose that utilizes a thin, high tensile thermoplastic lining to minimize weight. Both the inner and outer jackets are constructed of polyester warp yarns and filament polyester filler yarns. Ultima Lite's lining meets the NSF (National Sanitation Foundation) Standard 61 for potable water and has a tensile strength of over 5000 psi (35,000 kPa). Ultima Lite is U.L. Listed. The standard color for Ultima Lite Hose is white. Other colors available with our innovative ARMOUR JACKET abrasion resistant coatings are red, yellow, orange, blue, green and tan.

Angus Ultima Lite												
Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight* 50' (15m)		Coil Diameter 50' (15m)	
	psi	kPa	psi	kPa	psi	kPa	inch	mm	lbs.	kg	inch	mm
1-1/2 38	400	2800	800	5600	1200	8400	1-15/16	49	12	5.4	16	406
1-3/4 45	400	2800	800	5600	1200	8400	2-1/8	54	14	6.3	16	406
2-1/2 65	400	2800	800	5600	1200	8400	3	76	25	11.3	19	483
3 75	400	2800	800	5600	1200	8400	3-9/16	90	31	14.0	19	483

Premier Nylon Double Jacket Rubber Lined Fire Hose

Angus Premier is constructed of high strength, low stretch entangled filament polyamide/cordura fibers over a rubber, ozone proof, E.P.D.M. tube. Premier Hose is available with our innovative ARMOUR JACKET abrasion resistant coating. The standard colors are red, yellow, orange, blue, green and tan.

Angus Premier												
Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight* 50' (15m)		Coil Diameter 50' (15m)	
	psi	kPa	psi	kPa	psi	kPa	inch	mm	lbs.	kg	inch	mm
1-1/2 38	400	2800	800	5600	1200	8400	1-15/16	49	14	6.3	18	457
1-3/4 45	400	2800	800	5600	1200	8400	2-1/8	54	18	8.1	18	457
2-1/2 65	400	2800	800	5600	1200	8400	3	76	25	11.3	20	508
3 75	400	2800	800	5600	1200	8400	3-9/16	90	35	15.8	21	533
4 100	300	2100	600	4200	900	6300	4-17/32	115	41	18.6	25	635

Municipal Rubber Covered Fire Hose



Red Chief Lightweight Attack Hose

Angus Red Chief is a nitrile rubber through-the-weave construction fire hose that is ideally suited for municipal fire protection. Its synthetic jacket is completely protected and locked in by a rubber cover and lining for extra toughness and extra durability. The heavy rib construction makes the hose highly resistant to cuts, punctures, impact and abrasion. With a proof pressure of 600 psi (4200 kPa) and a tolerance for temperatures from 1200°F to -37°F (649°C to -38°C), Red Chief is clearly superior to all other conventional fire hose constructions. Its lightweight design is virtually non-kinking. U.L. labeling is available on 1-1/2" and 2-1/2" at 200 PSI. The standard color for Red Chief is red.

Angus Red Chief													
Size		Service		Pressure Proof		Burst		Bowl Size		Weight*		Coil Diameter	
inch	mm	psi	kPa	psi	kPa	psi	kPa	inch	mm	lbs.	kg	inch	mm
1-1/2	38	300	2100	600	4200	900	6300	1-13/16	46	17	7.7	16	406
1-3/4	45	300	2100	600	4200	900	6300	2-1/16	52	19	8.6	16	406
2	50	300	2100	600	4200	900	6300	2-5/16	59	21	9.5	17	432
2-1/2	65	300	2100	600	4200	900	6300	2-7/8	73	28	12.6	18	457
3	75	300	2100	600	4200	900	6300	3-13/32	87	35	15.8	18	457

Yellow Chief Lightweight Attack Hose


Angus Yellow Chief is a lightweight nitrile rubber through-the-weave construction fire hose. Its synthetic jacket is completely protected and locked in by a rubber cover and lining for extra toughness and durability. A heavy rib construction makes this hose resistant to cuts, punctures, impact and abrasion. Yellow Chief is a 600 psi (4200 kPa) fire hose that withstands temperatures from 1200°F to -37°F, (649°C to -38°C). Its light-weight design is virtually non-kinking and ideal for municipal fire protection. The standard color for Yellow Chief is yellow.

Angus Yellow Chief													
Size		Service		Pressure Proof		Burst		Bowl Size		Weight*		Coil Diameter	
inch	mm	psi	kPa	psi	kPa	psi	kPa	inch	mm	lbs.	kg	inch	mm
1	25	300	2100	600	4200	900	6300	1-1/4	32	8	3.6	15	381
1-1/2	38	300	2100	600	4200	900	6300	1-13/16	46	16	7.3	16	406
1-3/4	45	300	2100	600	4200	900	6300	2-1/16	52	18	8.2	16	406
2	50	300	2100	600	4200	900	6300	2-5/16	59	20	9.1	17	432
2-1/2	65	300	2100	600	4200	900	6300	2-7/8	73	27	12.2	18	457
3	75	300	2100	600	4200	900	6300	3-13/32	87	33	15.0	18	457

Hi-Power High Rise Fire Hose

Angus Hi-Power is an ultra-lightweight, maneuverable, nitrile rubber hose designed specifically for fighting fires in high rise buildings. The lightweight through-the-weave construction is heat and puncture resistant, kink resistant and has low friction loss. The rubber cover prevents water from penetrating the reinforcement thus minimizing the weight of the hose when in service. The standard color for Hi-Power is blue.

Angus Hi-Power													
Size		Service		Pressure Proof		Burst		Bowl Size		Weight*		Coil Diameter	
inch	mm	psi	kPa	psi	kPa	psi	kPa	inch	mm	lbs.	kg	inch	mm
1-1/2	38	300	2100	600	4200	900	6300	1-3/4	44	11	5.0	13	330
1-3/4	45	300	2100	600	4200	900	6300	2	51	14	6.3	14	356
2	50	300	2100	600	4200	900	6300	2-3/16	56	18	8.1	14	356
2-1/2	65	300	2100	600	4200	900	6300	2-3/4	70	20	9.0	15	381

 Factory Mutual Approved
* Weight is uncoupled

Municipal Rubber Covered Fire Hose



Hi-Combat Lite High Performance Lightweight Large Diameter Supply Hose

Angus Hi-Combat Lite is a range of lightweight performance upgraded through-the-weave high pressure supply lines. This family of supply hose, available in 3", 4" and 5", operates at above normal pressure rates usually associated with standard supply lines. Hi-Combat Lite provides extra safe operating pressure without compromising for a heavy weight hose design. The standard color for Hi-Combat Lite is yellow.

Angus Hi-Combat Lite											
Size		Service		Pressure Proof		Burst		Bowl Size		Weight*	Coil Diameter
inch	mm	psi	kPa	psi	kPa	psi	kPa	inch	mm	50' (15m) lbs. kg	50' (15m) inch mm
3	75	300	2100	600	4200	900	6300	3-13/32	87	36 16.2	18-3/8 467
4	100	250	1750	500	3500	750	5250	4-5/16	110	46 20.7	17-1/2 445
5	125	225	1575	450	3150	675	4725	5-3/8	137	56 25.2	18-7/8 479

Hi-Vol Large Diameter Supply Hose

Angus Hi-Vol is a tough large diameter hose with the ability to deliver more water at a lower cost. But it doesn't stop there. It is lightweight, compact and durable with a high resistance to oils, chemicals, ozone and heat. Its tough, high tensile cover and lining, permanently interlocked with the synthetic reinforcement, provide greater abrasion resistance while being snag-proof, kink resistant, and immune to mildew or rot. U.L. labeling is available on 4" (100 mm) and 5" (125 mm) only. The standard colors for Hi-Vol are yellow or red (6" not available in red).

Angus Hi-Vol											
Size		Service		Pressure Proof		Burst		Bowl Size		Weight*	Coil Diameter
inch	mm	psi	kPa	psi	kPa	psi	kPa	inch	mm	100' (30m) lbs. kg	100' (30m) inch mm
3	75	300	2100	600	4200	900	6300	3-13/32	87	70 31.5	25 635
4	100	225	1575	450	3150	675	4725	4-5/16	110	90 40.5	24 610
5	125	200	1400	400	2800	600	4200	5-3/8	137	109 49.1	27 686
6	150	150	1050	300	2100	500	3500	6-15/32	164	135 60.8	32 813

* Weight is uncoupled

Industrial Woven Fire Hose



Angus D700 Polyester Double Jacket Rubber Lined Fire Hose

This heavy duty double jacket industrial fire hose is designed for daily use where higher pressure and additional abrasion resistance is required. Construction of 100% high tensile strength virgin polyester yarns, both warp and filler, provides extra durability. Hose comes standard with E.P.D.M. lining. The standard color for Angus D700 Hose is white. Other colors available with our innovative ARMOUR JACKET abrasion resistant coatings are red, yellow, orange, blue, green and tan.

Angus D700													
Size		Service		Pressure Proof		Burst		Bowl Size		Weight*	Coil Diameter		
inch	mm	psi	kPa	psi	kPa	psi	kPa	inch	mm	50' (15m)	50' (15m)		
1-1/2	38	300	2100	600	4200	900	6300	1-15/16	49	15	6.8	18	457
1-3/4	45	300	2100	600	4200	900	6300	2-1/8	54	22	9.9	18	457
2-1/2	65	300	2100	600	4200	900	6300	3	76	31	14.0	21	533
3	75	300	2100	600	4200	900	6300	3-9/16	90	38	17.1	21	533

Angus S600 Polyester Single Jacket Rubber Lined Fire Hose

A single jacket, polyester industrial fire hose with an ozone-resistant E.P.D.M. rubber lining. The spun polyester yarn in the jacket offers superior strength and wear characteristics. Designed for interior or exterior fire protection, Angus S600 is NFPA compliant as an attack hose. The polyester construction is mildew resistant. The standard color for Angus S600 Hose is white. Other colors available with our innovative ARMOUR JACKET abrasion resistant coatings are red, yellow, orange, blue, green and tan.

Angus S600													
Size		Service		Pressure Proof		Burst		Bowl Size		Weight*	Coil Diameter		
inch	mm	psi	kPa	psi	kPa	psi	kPa	inch	mm	50' (15m)	50' (15m)		
1-1/2	38	300	2100	600	4200	900	6300	1-13/16	46	11	5.0	15	381
2-1/2	65	300	2100	600	4200	900	6300	2-7/8	73	22	9.9	16	406

Angus S500 Polyester Single Jacket Rubber Lined Fire Hose

A single jacket, polyester industrial fire hose with an ozone-resistant E.P.D.M. rubber lining. The spun polyester yarn in the jacket offers superior strength and wear characteristics. The polyester construction is mildew resistant. The standard color for Angus S500 Hose is white. Other colors available with our innovative ARMOUR JACKET abrasion resistant coatings are red, yellow, orange, blue, green and tan.

Angus S500													
Size		Service		Pressure Proof		Burst		Bowl Size		Weight*	Coil Diameter		
inch	mm	psi	kPa	psi	kPa	psi	kPa	inch	mm	50' (15m)	50' (15m)		
1-1/2	38	250	1750	500	3500	750	5250	1-13/16	46	11	5.0	15	381
2-1/2	65	250	1750	500	3500	750	5250	2-7/8	73	22	9.9	16	406

Angus S300 Polyester Single Jacket Rubber Lined Fire Hose

A single jacket, polyester industrial fire hose with an ozone-resistant E.P.D.M. rubber lining. The spun polyester yarn in the jacket offers superior strength and wear characteristics. The polyester construction is mildew resistant. The standard color for Angus S300 Hose is white. Other colors available with our innovative ARMOUR JACKET abrasion resistant coatings are red, yellow, orange, blue, green and tan.

Angus S300													
Size		Service		Pressure Proof		Burst		Bowl Size		Weight*	Coil Diameter		
inch	mm	psi	kPa	psi	kPa	psi	kPa	inch	mm	50' (15m)	50' (15m)		
1-1/2	38	150	1050	300	2100	450	3150	1-13/16	46	11	5.0	15	381
2-1/2	65	150	1050	300	2100	450	3150	2-7/8	73	22	9.9	16	406

Industrial Woven and Rubber Fire Hose



Angus RR500 Polyester Single Jacket Rack and Reel Hose

This interior fire protection hose is designed to replace unlined linen length for length. This polyester, urethane lined hose is ideal for interior rack or reel service. Angus RR500 is available folded for standard pin racks in 50' (15m), 75' (22.5m), and 100' (30m) lengths. Specify folded, coiled, or number of pins for rack (15 pins for 50', 20 pins for 75', or 25 pins for 100'). The standard color for Angus RR500 is white. UL label and FM approval is available. UL / FM hose is rated at 150 PSI service pressure.

Angus RR500													
Size		Service		Pressure				Bowl Size		Weight*		Coil Diameter	
inch	mm	psi	kPa	psi	kPa	psi	kPa	inch	mm	lbs.	kg	inch	mm
1-1/2	38	250	1750	500	3500	750	5250	1-11/16	43	5	2.3	12	305

Redskin 500 Through-The-Weave Industrial Fire Hose


Angus Redskin 500 is a layflat, lightweight, flexible fire hose specifically designed for industrial fire protection. Redskin is U.L. approved and features a unique through-the-weave, one piece construction that will not delaminate. The synthetic reinforcement is totally encased in a PVC nitrile rubber cover and lining which is resistant to fuels, oils, chemicals, abrasion, heat, mildew, rot, and ozone. The standard colors for Redskin 500 are red and yellow.

Angus Redskin 500													
Size		Service		Pressure				Bowl Size		Weight*		Coil Diameter	
inch	mm	psi	kPa	psi	kPa	psi	kPa	inch	mm	lbs.	kg	inch	mm
1-1/2	38	250	1750	500	3500	750	5250	1-3/4	44	10	4.5	12	305
1-3/4	45	250	1750	500	3500	750	5250	2	51	14	6.3	14	356
2-1/2	65	250	1750	500	3500	750	5250	2-3/4	70	19	8.6	14	356
3	75	250	1750	500	3500	750	5250	3-13/32	87	35	15.8	18	457

Redskin 600 Through-The-Weave Industrial Fire Hose

Angus Redskin 600 is a layflat, lightweight, flexible fire hose specifically designed for industrial fire protection. Redskin is U.L. approved and features a unique through-the-weave, one piece construction that will not delaminate. The synthetic reinforcement is totally encased in a PVC nitrile rubber cover and lining which is resistant to fuels, oils, chemicals, abrasion, heat, mildew, rot, and ozone. The standard colors for Redskin 600 are red and yellow.

Angus Redskin 600													
Size		Service		Pressure				Bowl Size		Weight*		Coil Diameter	
inch	mm	psi	kPa	psi	kPa	psi	kPa	inch	mm	lbs.	kg	inch	mm
1-1/2	38	300	2100	600	4200	900	6300	1-3/4	44	10	4.5	12	305
1-3/4	45	300	2100	600	4200	900	6300	2	51	14	6.3	14	356
2-1/2	65	300	2100	600	4200	900	6300	2-3/4	70	19	8.6	14	356
3	75	300	2100	600	4200	900	6300	3-13/32	87	35	15.8	18	457

 Factory Mutual Approved
* Weight is uncoupled

Industrial General Purpose Hose



Angus M250 Single Jacket Polyester Mill Hose

A heavy duty industrial mill hose, constructed of 100% spun polyester for abrasive environments and low maintenance. Designed for water discharge and other low pressure applications such as washdown. The liner is SBR for petrochemical resistance. The standard color for Angus M250 is white.

Angus M250											
Size		Service		Pressure Proof		Burst		Bowl Size		Weight*	Coil Diameter
inch	mm	psi	kPa	psi	kPa	psi	kPa	inch	mm	50' (15m) lbs. kg	50' (15m) inch mm
1	25	125	875	250	1750	500	3500	1-1/4	32	8 3.6	13 330
1-1/2	38	125	875	250	1750	500	3500	1-11/16	43	10 4.5	14 356
2	50	125	875	250	1750	500	3500	2-3/8	60	16 7.2	15 381
2-1/2	65	125	875	250	1750	500	3500	2-11/16	68	20 9.0	15 381
3	75	125	875	250	1750	500	3500	3-3/8	86	27 12.2	17 432

Blue Skin Lightweight Through-The-Weave Washdown Hose

Angus Blue Skin is a layflat, lightweight, flexible maintenance hose with the durability and abrasion resistance of heavy duty rubber hose. Blue Skin features a unique through-the-weave, one piece construction that will not delaminate. The synthetic reinforcement is totally encased in nitrile rubber cover and lining which is resistant to fuels, chemicals, and oil. Blue Skin will not mildew or rot and is heat and ozone resistant. The standard color for Blue Skin is blue.

Angus Blue Skin											
Size		Service		Pressure Proof		Burst		Bowl Size		Weight*	Coil Diameter
inch	mm	psi	kPa	psi	kPa	psi	kPa	inch	mm	50' (15m) lbs. kg	50' (15m) inch mm
1-1/2	38	225	1575	450	3150	750	5250	1-3/4	44	10 4.5	12 305
2	50	225	1575	450	3150	750	5250	2-3/16	56	15 6.8	13 330
2-1/2	65	225	1575	450	3150	750	5250	2-3/4	70	19 8.6	14 356

Armour Guard Heavy Duty Rubber Covered Industrial Discharge Hose

Angus Armour Guard is a layflat, flexible water discharge hose with durability and abrasion resistance superior to conventional rubber hose. Armour Guard features a unique one piece, through-the-weave construction, and attains its exceptional working pressure from a synthetic woven textile. Its excellent durability is derived from a high-tensile rubber compound which completely encases the jacket. The standard color for Armour Guard is black.

Angus Armour Guard											
Size		Service		Pressure Proof		Burst		Bowl Size		Weight*	Coil Diameter
inch	mm	psi	kPa	psi	kPa	psi	kPa	inch	mm	50' (15m) lbs. kg	50' (15m) inch mm
1-1/2	38	300	2100	600	4200	900	6300	1-13/16	45	16 7.2	15 381
2	50	300	2100	600	4200	900	6300	2-3/16	56	20 9.0	16 406
2-1/2	65	300	2100	600	4200	900	6300	2-7/8	73	25 11.3	17 432
3	75	300	2100	600	4200	900	6300	3-13/32	87	35 15.8	18 457
4	100	200	1400	400	2800	600	4200	4-5/16	110	40 18.0	19 483
6	150	200	1400	400	2800	600	4200	6-3/8	162	80 36.0	21 533

* Weight is uncoupled

Wildland & Forestry Fire Hose



Angus Super Inch / Super Marshall Rubber Covered Through-The-Weave Fire Hose

Nitrile rubber covered forestry hoses that require no washing or drying and are mildew resistant. A protective rubber covering resists burns and prevents damage of the textile reinforcement which may be caused by abrasion or hot embers. The standard color is high visibility yellow. There is a minimum order quantity for 1-1/2" size.

Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight* 100' (30m)		Coil Diameter 100' (30m)	
	psi	kPa	psi	kPa	psi	kPa	inch	mm	lbs.	kg	inch	mm
1 25	300	2100	600	4200	900	6300	1-1/4	31.8	10	4.5	16	406
1-1/2 38	300	2100	600	4200	900	6300	1-11/16	42.9	17	7.5	18	457

Angus AF187 Polyester Single Jacket Plastic Lined Fire Hose

A lightweight polyester jacket, polyurethane lined forestry fire hose that meets the USDA-US Forest Service Specification 5100-187. The standard color for Angus AF187 is white.

Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight* 100' (30m)		Coil Diameter 100' (30m)	
	psi	kPa	psi	kPa	psi	kPa	inch	mm	lbs.	kg	inch	mm
1 25	300	2100	600	4200	900	6300	1-1/4	31.8	7.5	3.4	14	356
1-1/2 38	300	2100	600	4200	900	6300	1-3/4	45	13.5	6.1	16	406

Flexible Pipeline



Super Aquaduct Lay Flat Large Diameter

A specialized polyurethane hose, extruded through the weave cover and lining, reinforced with circular woven high tenacity polyester. Super Aquaduct is the only product of its kind which is NSF 61 certified for potable water. Designed for a variety of above ground high flow potable or fire water contingencies. Also available are many equipment options for fast and easy deployment and retrieval of this versatile hose product. Available in blue and orange.

Size inch mm	Max Working Pressure**		Burst Pressure		Weight* per foot	
	psi	kPa	psi	kPa	lbs.	kg
6 152	300	2100	600	4200	1.09	0.5
8 203	220	1540	500	3500	1.9	0.9
10 254	175	1225	400	2800	2.2	1
12 305	175	1225	400	2800	3.5	1.6

WAT-HOG Plastic Lined Industrial Hose

Angus WAT-HOG is a premium lay-flat, flexible hose designed to handle wastewater, sewer, treated, and reclaimed water. It combines the features of PVC hose with the durability and abrasion resistance of heavy rubber hose. WAT-HOG features a through the weave construction combining a woven textile with a polyurethane cover and liner that will not delaminate. This hose is approved for military fuel transfer, is resistant to fuels, chemicals, heat,

Size inch mm	Max Working Pressure**		Angus WAT-HOG Burst Pressure		Weight* per foot		Coil Diameter 50' (15m)	
	psi	kPa	psi	kPa	lbs.	kg	inch	mm
1-1/2 38	300	2100	600	4200	0.16	0.07	13.5	343
2-1/2 65	300	2100	600	4200	0.3	0.14	14	356
3 76	300	2100	600	4200	0.37	0.17	15	381
4 102	300	2100	600	4200	0.56	0.25	19.5	495
6 152	300	2100	600	4200	1.22	0.55	21	533

* Weight is uncoupled

Couplings



The chart below indicates standard couplings offered for each type and size of Angus hose products. Please consult your dealer for other available coupling options.

Hose Type Size	NH			NPSH			Storz Expansion Ring	Storz Clamp
	RL Aluminum	RL Brass	PL Brass	RL Aluminum	RL Brass	PL Brass		
AF187								
1"				X				
1-1/2"	X			X				
RR500 and M250								
1"	X			X				
1-1/2"	X	X	X	X	X	X		
2"	X			X	X			
2-1/2"	X	X	X	X	X	X		
3"	X			X				
S600, S500, and S300								
1-1/2"	X	X	X	X	X	X		
2-1/2"	X	X	X	X	X	X		
Ultima, Ultima Lite, Premier, Firepower II, and D700								
1-1/2"	X	X	X	X	X	X		
1-3/4"	X			X				
2-1/2"	X	X	X	X	X			
3"	X			X				
4"	X							X
Red Skin 500, Red Skin 600, Blue Skin, and Hi-Power								
1-1/2"	X	X	X	X	X	X		
1-3/4"	X			X				
2"	X							
2-1/2"	X	X		X				
3"	X			X				
Red Chief, Yellow Chief, and Super Inch/Super Marshall								
1"	X			X				
1-1/2"	X	X	X	X	X	X		
1-3/4"	X		X	X				
2"	X	X		X	X			
2-1/2"	X	X	X	X	X	X		
3"	X			X				
Hi-Vol and Hi-Combat Lite								
3"	X						X	X
4"	X							X
5"	X						X	X
Hi-Combat II and Hi-Combat IIR								
1-3/4"	X			X				
2-1/2"	X							

Legend

NH = National Standard Thread
NPSH = National Straight Pipe Thread

RL = Rocker Lug
PL = Pin Lug

Angus recommends annual hydrostatic service testing of all hoses in accordance with NFPA 1962 guidelines.

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