

FLEXLINE



Flexline Hose Product Guide

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FLEXLINE HOSE, THE PROFESSIONALS CHOICE

Flexline, part of the Kidde Fire Fighting organization, is a quality brand of woven jacket and rubber fire and industrial hose and hose products. Products manufactured from high quality raw materials to exacting standards make Flexline hose a durable and reliable performer, offering a complete range of products for general purpose use, industrial, municipal and forestry fire fighting.



MUNICIPAL



INDUSTRIAL



FORESTRY

PROTECTASHIELD™ Hose Coating

Performance you can count on

All Flexline woven jacket products are available with PROTECTASHIELD, our unique, innovative, abrasion resistant coating. PROTECTASHIELD 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. PROTECTASHIELD displays extreme resistance to bacterial and mildew growth as well.


When subjected to the Mil-H-24606B Taber Abrader test, PROTECTASHIELD surpassed the minimum requirement by 6 times compared to other hose manufacturers. This coating is available on Flexline AP8D II, AP8D, AP8DTP, Flexlite, AP6D II, AP6S, AP5S, and AP3S hose products.

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

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



Municipal Fire and Forestry Hose




AP8D II

Polyester Double Jacket Rubber Lined Fire Hose



Flexline AP8D II										
Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight* 50' (15m) lbs. kg	Coil Diameter 50' (15m) inch mm
	psi	kPa	psi	kPa	psi	kPa	inch	mm		
1-1/2 38	400	2800	800	5600	1200	8400	1-15/16	49	17 6.8	18 457
1-3/4 45	400	2800	800	5600	1200	8400	2-1/8	54	19 8.6	19 483
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	38 17.2	22 559

Flexline AP8D II is the ultimate in quality, municipal grade attack 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 EPDM tube. Its engineered design guarantees minimum weight with maximum durability and flexibility with minimal friction loss. The standard color is white. Other colors available with our innovative PROTECTASHIELD abrasion resistant coatings are red, yellow, orange, blue, green and tan.




AP8D

Polyester Double Jacket Rubber Lined Fire Hose

Flexline AP8D										
Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight* 50' (15m) lbs. kg	Coil Diameter 50' (15m) inch mm
	psi	kPa	psi	kPa	psi	kPa	inch	mm		
1-1/2 38	400	2800	800	5600	1200	8400	1-15/16	49	17 7.7	18 457
1-3/4 45	400	2800	800	5600	1200	8400	2-1/8	54	22 9.9	19 483
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

Flexline AP8D is a high quality, municipal grade hose. This durable, double jacket hose is constructed of high tensile strength polyester yarns and lined with a high-tech EPDM tube. Its design provides low weight with maximum durability and flexibility. The standard color for AP8D Hose is white. Other colors available with our innovative PROTECTASHIELD abrasion resistant coatings are red, yellow, orange, blue, green, and tan.



AP8DTP

Polyester Double Jacket Urethane Lined Fire Hose

Flexline AP8DTP										
Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight* 50' (15m) lbs. kg	Coil Diameter 50' (15m) inch mm
	psi	kPa	psi	kPa	psi	kPa	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

Flexline AP8DTP 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. The standard color for AP8DTP Hose is white. Other colors available with our innovative PROTECTASHIELD abrasion resistant coatings are red, yellow, orange, blue, green and tan.



Flexatak

Nylon Double Jacket Rubber Lined Fire Hose

Flexline Flexatak										
Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight* 50' (15m) lbs. kg	Coil Diameter 50' (15m) inch mm
	psi	kPa	psi	kPa	psi	kPa	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
5 125	300	2100	600	4200	900	6300	5-15/32	139	58 26.3	27 686

Flexline Flexatak is constructed of high strength, low stretch entangled filament polyamide/cordura fibers over a rubber tube. The standard colors are red, yellow, orange, blue, green and tan.



Flexlite

Nylon Double Jacket Urethane Lined Fire Hose

Flexline Flexlite										
Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight* 50' (15m) lbs. kg	Coil Diameter 50' (15m) inch mm
	psi	kPa	psi	kPa	psi	kPa	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	21 9.5	18 457
3 75	400	2800	800	5600	1200	8400	3-17/32	90	24 10.9	19 483
4 100	300	2100	600	4200	900	6300	4-17/32	105	35 15.8	20 508
5 125	300	2100	600	4200	900	6300	5-15/32	139	52 23.6	23 584

Flexline Flexlite utilizes high strength, low stretch entangled filament polyamide/cordura fibers to produce a highly abrasion-resistant lightweight hose. The high-tech thermoplastic lining also contributes to reducing the overall weight of the hose. Flexlite's lining has a tensile strength of over 5000 psi (35,000 kPa). Flexlite Hose is available with our innovative PROTECTASHIELD abrasion resistant coating. The standard color is yellow.

* Weight is uncoupled



Flomaster Attack
Lightweight Attack Hose

Flexline Flomaster Attack													
Size inch mm		Service psi kPa		Pressure		Burst		Bowl Size		Weight*		Coil Diameter	
				Proof	psi	kPa	psi	kPa	inch	mm	50' (15m)	50' (15m)	
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

Flexline Flomaster Attack 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. Flomaster Attack 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 colors for Flomaster Attack are yellow and red, 1" size is available in yellow only.

Flomaster Supply
Large Diameter Supply Hose

Flexline Flomaster Supply													
Size inch mm		Service psi kPa		Pressure		Burst		Bowl Size		Weight*		Coil Diameter	
				Proof	psi	kPa	psi	kPa	inch	mm	100' (30m)	100' (30m)	
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

Flexline Flomaster Supply 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" (200 PSI) and 5" (200 PSI). The standard colors for Flomaster Supply are yellow or red.

Flexline FLEX6
Rubber Covered
Through-The-Weave Forestry Hose

Flexline FLEX6													
Size inch mm		Service psi kPa		Pressure		Burst		Bowl Size		Weight*		Coil Diameter	
				Proof	psi	kPa	psi	kPa	inch	mm	100' (30m)	100' (30m)	
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

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.


Flexline FTP6
Polyester Single Jacket
Plastic Lined Forestry Hose

Flexline FTP6													
Size inch mm		Service psi kPa		Pressure		Burst		Bowl Size		Weight*		Coil Diameter	
				Proof	psi	kPa	psi	kPa	inch	mm	50' (15m)	50' (15m)	
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

A lightweight polyester jacket, polyurethane lined forestry fire hose. The standard color for Flexline FTP6 is white.

* Weight is uncoupled

Industrial Fire and General Purpose Hose



Flexline AP6D II Polyester Double Jacket Rubber Lined Fire Hose

Flexline AP6D II											
Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight*		Coil Diameter
	psi	kPa	psi	kPa	psi	kPa	inch	mm	50' (15m) lbs.	50' (15m) kg	50' (15m) inch mm
1-1/2 38	300	2100	600	4200	900	6300	1-15/16	49	17	7.7	18 457
1-3/4 45	300	2100	600	4200	900	6300	2-1/8	54	19	8.6	19 483
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	17.2	22 559

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 EPDM lining. U.L. labeling is available in 1-1/2", 1-3/4", and 2-1/2" sizes. The standard color for Flexline AP6D II Hose is white. Other colors available with our innovative PROTECTASHIELD abrasion resistant coatings are red, yellow, orange, blue, green and tan.



Flexline AP6S Polyester Single Jacket Rubber Lined Fire Hose

Flexline AP6S											
Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight*		Coil Diameter
	psi	kPa	psi	kPa	psi	kPa	inch	mm	50' (15m) lbs.	50' (15m) kg	50' (15m) inch mm
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

A single jacket, polyester industrial fire hose with an ozone-resistant EPDM rubber lining. The spun polyester yarn in the jacket offers superior strength and wear characteristics. Designed for interior or exterior fire protection, Flexline AP6S is NFPA compliant as an attack hose. The polyester construction is mildew resistant. The standard color for Flexline AP6S Hose is white. Other colors available with our innovative PROTECTASHIELD abrasion resistant coatings are red, yellow, orange, blue, green and tan.



Flexline AP5S Polyester Single Jacket Rubber Lined Fire Hose

Flexline AP5S											
Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight*		Coil Diameter
	psi	kPa	psi	kPa	psi	kPa	inch	mm	50' (15m) lbs.	50' (15m) kg	50' (15m) inch mm
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

A single jacket, polyester industrial fire hose with an ozone-resistant EPDM rubber lining. The spun polyester yarn in the jacket offers superior strength and wear characteristics. The polyester construction is mildew resistant. U.L. labeling is available in 1-1/2" and 2-1/2" sizes. The standard color for Flexline AP5S Hose is white. Other colors available with our innovative PROTECTASHIELD abrasion resistant coatings are red, yellow, orange, blue, green and tan.



Flexline AP3S Polyester Single Jacket Rubber Lined Fire Hose

Flexline AP3S											
Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight*		Coil Diameter
	psi	kPa	psi	kPa	psi	kPa	inch	mm	50' (15m) lbs.	50' (15m) kg	50' (15m) inch mm
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

A single jacket, polyester industrial fire hose with an ozone-resistant EPDM rubber lining. The spun polyester yarn in the jacket offers superior strength and wear characteristics. The polyester construction is mildew resistant. U.L. labeling is available in 1-1/2" and 2-1/2" sizes. The standard color for Flexline AP3S Hose is white. Other colors available with our innovative PROTECTASHIELD abrasion resistant coatings are red, yellow, orange, blue, green and tan.

* Weight is uncoupled



Flexline EXN5
Through-The-Weave Industrial Fire Hose

Flexline EXN5												
Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight*		Coil Diameter	
	psi	kPa	psi	kPa	psi	kPa	inch	mm	50' (15m) lbs. kg	50' (15m) 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 50	250	1750	500	3500	750	5250	2-3/16	56	18	8.1	14 356	
2-1/2 65	250	1750	500	3500	750	5250	2-3/4	70	19	8.6	14 356	

Flexline EXN5 is a layflat, lightweight, flexible fire hose specifically designed for industrial fire protection. EXN5 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 colors available for Flexline EXN5 are red and yellow. UL Labeling is available in 1-1/2" and 2-1/2".

Flexline EXN4
Large Diameter Supply Hose

Flexline EXN4												
Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight*		Coil Diameter	
	psi	kPa	psi	kPa	psi	kPa	inch	mm	50' (15m) lbs. kg	50' (15m) inch mm		
4 100	200	1400	400	2800	600	4200	4-5/16	110	42	19.0	18.0 457	
5 125	200	1400	400	2800	600	4200	5-3/8	137	57	25.7	19 483	
6 150	200	1400	300	2100	500	3500	6-15/32	164	78	35.1	20.0 508	

The through-the-weave design allows the hose to expand under pressure which decreases friction loss and increases water flow. The ozone resistant synthetic rubber liner and cover totally encompass and protect the synthetic reinforcement from the effects of abrasion, chemicals and heat. These products are easily cleaned and are ideally suited for fire fighting and other demanding industrial applications. Colors available are red and yellow.

Flexline EXN4
Lightweight Through-The-Weave Washdown Hose

Flexline EXN4												
Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight*		Coil Diameter	
	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	

Flexline EXN4 is a layflat, lightweight, flexible maintenance hose with the durability and abrasion resistance of heavy duty rubber hose. EXN4 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. EXN4 will not mildew or rot and is heat and ozone resistant. The standard color for EXN4 is blue. UL Labeling available in 1-1/2" (200 PSI) and 2-1/2" (200 PSI).

Flexline EXN6
Heavy Duty Rubber Covered Industrial Discharge Hose

Flexline EXN6												
Size inch mm	Service		Pressure Proof		Burst		Bowl Size		Weight*		Coil Diameter	
	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	
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	2-3/16	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	

Flexline EXN6 is a layflat, flexible water discharge hose with durability and abrasion resistance superior to conventional rubber hose. Flexline EXN6 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 colors for Flexline EXN6 are yellow and red.

* Weight is uncoupled

COUPLINGS



The chart below indicates standard couplings offered for each type and size of Flexline 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		
FTP6								
1"				X				
1-1/2"	X			X				
AP6S, AP5S, and AP3S								
1-1/2"	X	X	X	X	X	X		
2-1/2"	X	X	X	X	X	X		
AP8D II, AP8D, AP8DTP, Flexatak, Flexlite, and AP6D II								
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	
5"	X						X	
EXN5 and EXN4								
1-1/2"	X		X	X				
1-3/4"	X			X				
2"	X							
2-1/2"	X	X		X				
3"	X			X				
Flomaster Attack, FLEX6, and EXN6								
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				
Flomaster Supply, EXN4								
3"	X						X	X
4"	X							X
5"	X						X	X
6"	X							X

Legend

NH = National Hose thread (formerly NST)
 NPSH = National Pipe Straight Hose thread (also known as IPT, Iron Pipe Thread)
 RL = Rocker Lug
 PL = Pin Lug

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FLEXLINE

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

 **Kidde Fire Fighting**