



MERCEDES
TEXTILES LIMITED

AND

HIGHWATER
HOSE INC

THE ONLY WAY

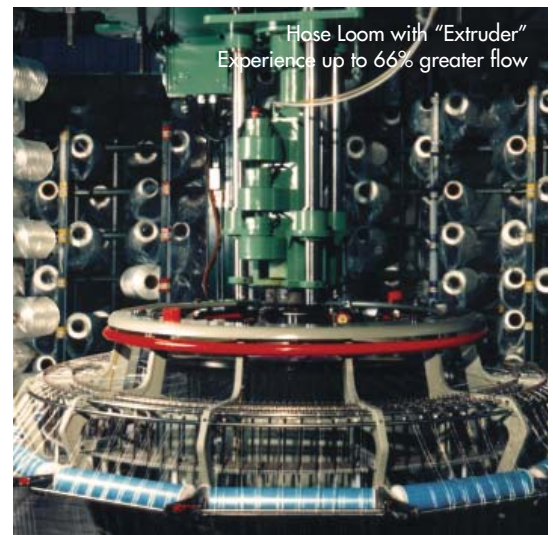
HOSE PRODUCT CATALOGUE

35th Anniversary

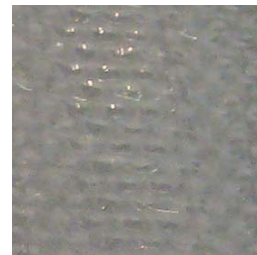
Unique Mertex® Lining Process

A unique Mertex® process designed especially for the manufacturing of fire hose was developed exclusively by Mercedes Textiles Limited. This process uses a lining material in a molten state which is then introduced into the fabric jacket as it is being woven at the loom. No adhesives, glues or other bonding agents are used in this process. With this method, a smoother waterway is produced, yielding greater water flow at the discharge end. This continuous process is your assurance that Mercedes Fire Hose will provide the most efficient products available. Some advantages of our Mertex® process are:

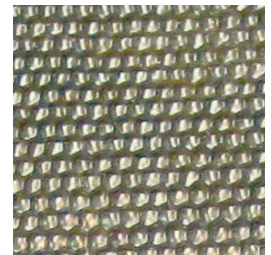
- The superior liner adhesion of the Mertex® process allows for the use of high strength Filament Polyester yarn in both the warp & weft directions, for a greater burst safety margin
- Creates a virtually inseparable bond without the use of adhesives "NO DELAMINATION"
- Locks fibers together for even greater strength while still allowing for a high flexibility
- Creates an amazingly smooth waterway which yields an extremely low friction (pressure) loss "HIGHER FLOW"
- Produces lower elongation under pressure. Lower elongation means less back pull when water is suddenly shut-off, resulting in a safer hose to work with in firefighting
- Permits manufacturing to any length (Call factory for non-standard lengths)
- Mertex® process >> Canadian patent # 1,295,104, plus patents in 15 other countries



Hose Loom with "Extruder"
Experience up to 66% greater flow



Our Mertex® Process
Synthetic Hose Lining
(smooth surface = less
friction/greater flow)



Example: Competitor's
Synthetic hose lining
(rough surface = less flow)

Permatek™ Treatment for Hose Jackets

Permatek™ treatment is a high performance polymeric dispersion which saturates each and every fiber of the hose jacket, ensuring superior physical properties. Some of the advantages of the Permatek™ treatment are:

- Locks all fibers together for greater strength
- Produces a lower drag coefficient in charged hose lays which results in greater ease of advancement
- Reduces water pickup and absorption
- Provides excellent protection against abrasion
- Provides resistance to petroleum products, hydrocarbons, most solvents and greases
- Excellent resistance against UV and Ozone
- Results in much shorter drying time
- Available in the 9 NFPA colors

Note: Actual hose colors may vary from the colors shown in this catalogue



About the Companies

Since our inception in 1978, our vision has been to manufacture the finest, most durable and highest performing hose products in the world. Dedication, hard work and a series of critical decisions helped us to realize our objectives in a relatively short period of time. Across the spectrum, proactive thinking, unrivaled advancement and continued customer acceptance are the qualities that set Mercedes Textiles Limited apart. We hold over 60 patents and have grown into three facilities producing a vast array of products sold worldwide.

Fueled by the early creation of innovative product offerings, we created Hydro-Wick Industries Inc. in 1995. This production facility focuses on the manufacture of high-pressure pumps, advanced coupling systems and technology enhanced, wildland firefighting products.

The next year, in 1996, we continued to expand with the formation of HighWater Hose Inc. to extend our product offerings to include a wide range of rubber covered and lightweight, lay-flat hose.

Today Mercedes Textiles Limited is widely recognized as the world's leader in innovative municipal, forestry, snowmaking and industrial fluid delivery systems and specialty equipment. A relentless focus on research and development continues to be at the forefront of our growth strategy. Mercedes Textiles Limited has come a long way yet we remain just as committed to improving, redefining and transforming our industry as we did when we first began.



**MERCEDES
TEXTILES LIMITED**
35th Anniversary



HIGHWATER
HOSE^{INC.}

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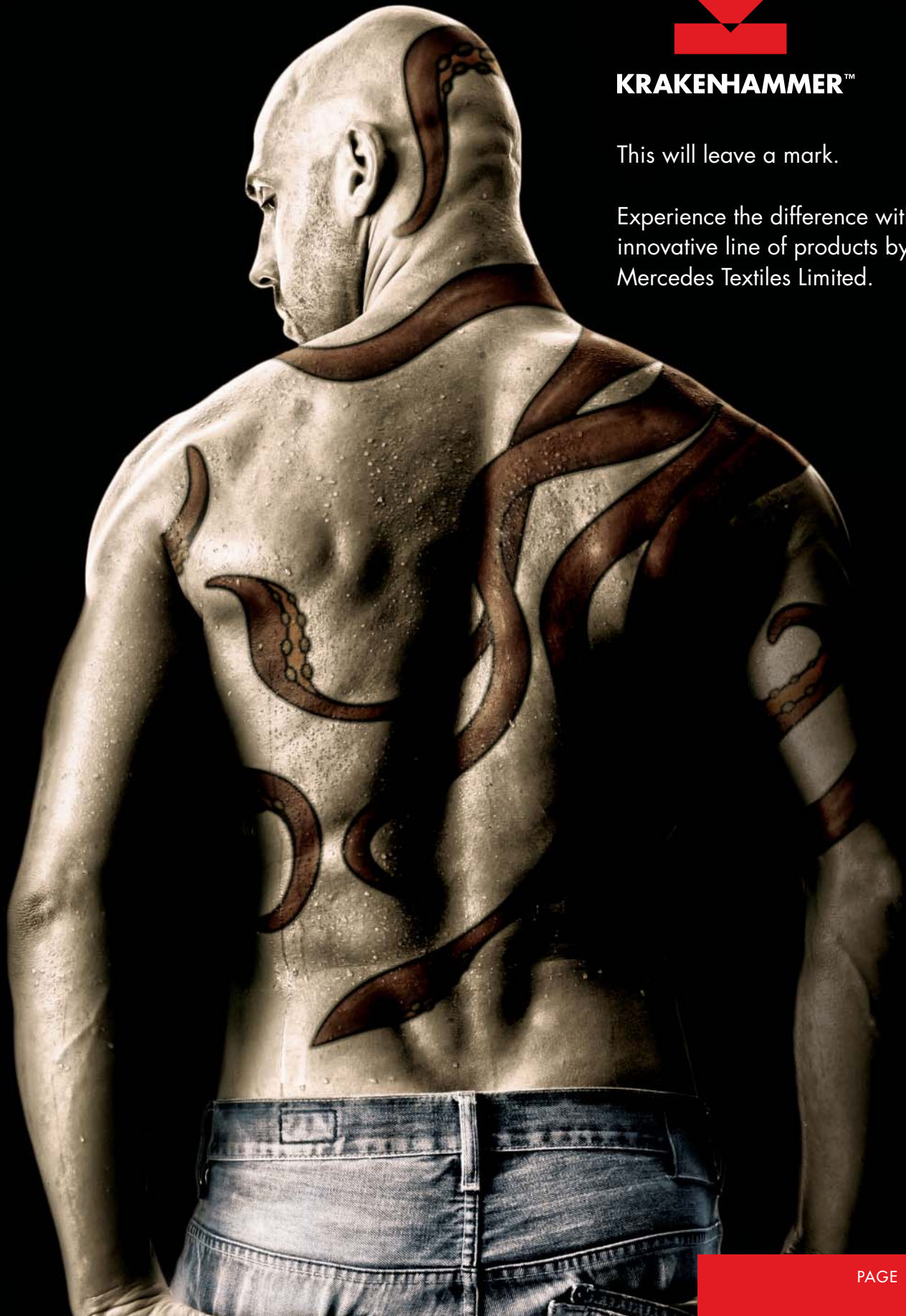
[MUNICIPAL]



**KRAKENHAMMER™**

This will leave a mark.

Experience the difference with
innovative line of products by
Mercedes Textiles Limited.



MEGAFLO®

Designed as a large volume supply and attack hose, where light weight and low drag coefficient are critical.

Applications

- NFPA rated, LDH attack /supply hose
- Boosting pressure to pumps and aerial devices
- Supplying stand pipe systems
- Supplying stand alone portable hydrants and monitors
- Pumper to pumper relay
- Potable water transfer hose (stenciled)

Features and Benefits

- Available with Hydrowick Gold Anodized Storz™ couplings with iReflect™ lock levers. These couplings also come with the Identify™ recessed area for color coding, bar coding and/or identification markings



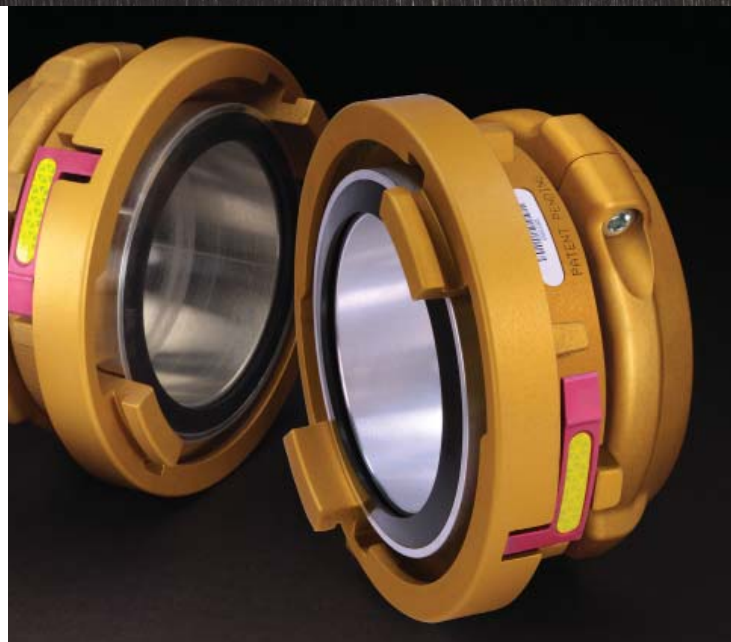
- Features our 2-10-L warranty ("2 year All Hazards", "10 year against manufacturing defects" and "Lifetime against delamination")
- Premium all synthetic double jacket
- Unique Mertex® lining
- Standard with Permatek HP™ treatment against abrasion, moisture pick up and mildew
- Choice of threaded or Storz lightweight couplings
- Remains flexible to -65° F (-55° C)

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
400	3.50	89	3 13/16	97	31.0	14.1	16.0	40.6	330	2 275	660	4 550	1 000	6 900
401	4.00	102	4 3/8	111	34.0	15.5	16.0	40.6	300	2 070	600	4 140	900	6 200
402	5.00	127	5 3/8	137	43.0	19.5	17.0	43.2	300	2 070	600	4 140	900	6 200
403	6.00	152	6 3/8	162	62.5	28.4	17.5	44.5	300	2 070	600	4 140	900	6 200

iREFLECT™

Designed for enhanced durability, visibility and improved functionality in a storz coupling system.

- The iReflect™ Lock Lever (patent pending) has a recessed, highly reflective material which provides rapid identification of the coupling locks
- The iReflect™ Lock Lever (patent pending) is anodized in a bright color to enhance visibility
- Lock protector technology protects the lock lever mechanism against damage, such as when the coupling is dropped during deployment
- Recessed reflective arrows (patent pending), located 180 degrees from the lock lever
 1. Point to the location of the lock
 2. Greatly enhance visibility to oncoming traffic
 3. Point towards the direction of rotation to engage (lock) the couplings
- Features the Identify™ recessed area for color coding, bar coding and/or identification markings



- Anodized process provides added resistance to abrasion, salt and corrosion
- Two Year All Hazards Warranty and 10 years against manufacturing defects

Diameters

3.00in/76mm

4.00in/102mm

5.00in/127mm

KRAKENEXO™

Designed for aggressive fire fighting applications where durability coupled with lightweight, excellent low-pressure kink resistance and superior water flow are critical.

Applications

- Aggressive interior attack hose
- Rapid intervention team (RIT) hose
- For stand pipe and high rise operations
- Pre-connected cross-lay attack hose
- Pre-connected front bumper attack hose
- Potable water transfer hose (stenciled)

Features and Benefits

- Extremely kink resistant, even at low pressure
- Comes standard with Wayout® couplings
- Standard with the Identify™ recessed area for color coding, bar coding and/or identification markings



- Features our 2-10-L warranty 2-10-L warranty ("2 year All Hazards", "10 year against manufacturing defects" and "Lifetime against delamination")
- Unique Mertex® lining
- Premium all synthetic double jacket
- 400 PSIG / 2755 kPa service pressure
- Standard with Permatek HP™ treatment
- Burst safety factor of 3.75 times the service pressure for greater security, with the exception of 3" (76mm)
- Remains flexible to -65° F (-55° C)
- Exceeds NFPA 1961, UL and FM performance requirements

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
815	1.50	38	1 1/2	49	12.5	5.7	16.5	42	400	2 755	800	5 515	1 500	10 345
816	1.75	44	2 1/8	54	14.9	6.8	17.0	43	400	2 755	800	5 515	1 500	10 345
817	2.00	51	2 5/16	59	17.0	7.7	17.0	43	400	2 755	800	5 515	1 500	10 345
818	2.50	64	2 7/8	73	21.5	9.8	19.0	48	400	2 755	800	5 515	1 500	10 345
819	3.00	76	3 5/16	84	26.5	12.0	21.0	53	400	2 755	800	5 515	1 250	8 620

MERTEX WAYOUT®

Designed to improve life safety in the Fire Service.

- Directional arrows (patent pending) are engraved into and below the surface of the female coupling, pointing in the direction of the water source with standard connectivity
 - The visibility of the recessed arrows are enhanced by the addition of a highly reflective material
 - Arrows reflect under low lighting to assist in guiding the way out
 - Recessing the arrow helps prevent damage to the reflective material from abrasion
 - The reflective arrow greatly improves night time visibility of the hose line on the fire ground, reducing accidental damage
- Features the Identify™ recessed area for color coding, bar coding and/or identification markings
- Two Year All Hazards Warranty and 10 years against manufacturing defects



- Available with the following fire hose products:
 - KRAKENEXO™
 - AQUAFLOW-PLUS®
 - AQUAPOWER™
 - CARRY-LITE®
 - HYDRATAK™
 - X-STREAM®
 - X-STREAM® PLUS

Diameters

1.00in/25mm

1.50in/38mm

2.00in/51mm

2.50in/64mm

3.00in/76mm

AQUAFLOW[®] PLUS

Designed for fire services where durability and light weight are paramount.

Applications

- Pre-connected cross-lay attack hose
- Rapid intervention team (RIT) hose
- Pre-connected front bumper attack hose
- Potable water transfer hose (stenciled)

Features and Benefits

- Features our 2-10L warranty ("2 year All Hazards", "10 year against manufacturing defects" and "Lifetime against delamination")
- Optional Mertex Wayout[®] couplings



- Available with the Identify[™] recessed area for color coding, bar coding and/or identification markings
- Unique Mertex[®] lining
- Premium all synthetic double jacket
- Standard with Permatek HP[™] treatment against abrasion, moisture pick up and mildew
- Remains flexible to -65° F (-55° C)
- Meets ULC requirements and can be labeled upon request in the sizes* specified below

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
411	1.00	25	1 9/32	33	7.3	3.3	14.5	36.8	400	2 755	800	5 515	1 450	10 100
412	1.5*	38*	1 15/16	49	13.0	5.9	16.5	41.9	400	2 755	800	5 515	1 450	10 100
413	1.75*	44*	2 1/8	54	14.0	6.4	17.0	43.2	400	2 755	800	5 515	1 500	10 345
414	2*	51*	2 5/16	59	17.0	7.7	17.0	43.2	400	2 755	800	5 515	1 450	10 100
415	2.5*	64*	3	76	21.0	9.5	19.0	48.3	400	2 755	800	5 515	1 450	10 100
416	3*	76*	3 5/16	84	26.0	11.8	21.0	53.3	400	2 755	800	5 515	1 250	8 620

AQUAPOWER[™]

Designed for interior attack applications requiring high kink resistance and durability.

Applications

- Aggressive interior attack hose
- Pre-connected cross-lay attack hose
- Pre-connected front bumper attack hose

Features and Benefits

- Features Two Year All Hazards Warranty
- Optional Mertex Wayout[®] couplings
- Available with the Identify[™] recessed area for color coding, bar coding and/or identification markings



- Extremely kink resistant, even at low pressure
- Standard with Permatek HP[™] treatment against abrasion, moisture pick up and mildew
- Uses through the weave extrusion lining process, which completely encapsulates the jacket textile
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Will remain flexible to -35° F (-37° C)

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
785	1.50	38	1 13/16	46	16.5	7.5	18.0	45.7	400	2 755	800	5 515	1 200	8 275
786	1.75	44	2 1/8	54	19.0	8.6	18.0	45.7	400	2 755	800	5 515	1 500	10 345
788	2.50	64	2 7/8	73	28.0	12.7	18.5	47.0	400	2 755	800	5 515	1 200	8 275

MTFS-800-DP®

Designed for normal day to day wear and tear.

Applications

- Pre-connected cross-lay attack hose
- Rapid intervention team (RIT) hose
- High-rise hose kits, attack hose
- Pre-connected front bumper attack hose
- Decontamination and wash down hose
- Potable water transfer hose (stenciled)

Features and Benefits

- It's light weight reduces fire fighter fatigue and stress
- Tough and ready for action
- Unique Mertex® lining
- Premium all synthetic double jacket



- Available with the Identify™ recessed area for color coding, bar coding and/or identification markings
- Standard with Permatek HP™ treatment against abrasion, moisture pick up and mildew
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, and hydrolysis
- Remains flexible to -65° F (-55° C)
- Meets ULC requirements and can be labeled upon request in the sizes* specified below

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
422	1.00	25	1 9/32	33	7.0	3.2	14.5	36.8	400	2 755	800	5 515	1 200	8 275
417	1.5*	38*	1 13/16	46	10.5	4.8	14.5	36.8	400	2 755	800	5 515	1 200	8 275
418	1.75*	44*	2	51	12.0	5.5	14.5	36.8	400	2 755	800	5 515	1 200	8 275
419	2*	51*	2 5/16	59	16.0	7.3	15.5	39.4	400	2 755	800	5 515	1 200	8 275
420	2.5*	64*	2 7/8	73	19.0	8.6	16.0	40.6	400	2 755	800	5 515	1 200	8 275
421	3*	76*	3 5/16	84	25.5	11.6	16.0	40.6	400	2 755	800	5 515	1 200	8 275

iIDENTIFY™ CODING SYSTEM

Designed to receive and protect identification markings and decals from abrasion damage.

Applications

- Barcode labeling of products
- Hose line color code identification
- Recessed identification markings of products
- Reflective labeling of products

Features and Benefits

- Recessed identification zone on hose couplings (patent pending) for multipurpose applications
- Facilitates the ability to track and inventory hose
- Protects barcode labels, color labels, identification markings and reflective decals from abrasion damage
- Facilitates color coding of a hose line for identification purposes



- Eliminates the need to color code the complete length of hose
- Allows hose line color coding to be changed as required
- Reflective decals facilitate increased night visibility

FUTURE-LINE®

The ultimate in a rapid cleanup, packable, lightweight hose.

Applications

- Pre-connected front bumper attack hose
- Pre-connected cross-lay attack hose
- Chemical and petroleum product environments
- Public works, parks (hockey rinks, swimming pools, etc)
- Decontamination and wash down hose
- Potable water transfer hose (stenciled)
- Marine fire hose and RV potable water (when specified potable water)

Features and Benefits

- Polyurethane covered outer jacket greatly reduces clean-up time and effort
- Excellent packability and extremely light in weight



- Unique Mertex® lining
- Available with the Identify™ recessed area for color coding, bar coding and/or identification markings
- Premium all synthetic double jacket
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Available in red and blue for 1 1/2"/38mm, and red for 1 3/4"/45mm and 2 1/2"/64mm
- Remains flexible to -65° F (-55° C)
- Meets or exceeds all performance requirements of NFPA 1961, Underwriters Laboratories and Factory Mutual

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
903	1.50	38	1 13/16	46	10.5	4.8	14.0	35.6	400	2 755	800	5 515	1 200	8 275
905	1.75	44	2	51	14.0	6.4	14.5	36.8	400	2 755	800	5 515	1 200	8 275
907	2.50	64	2 7/8	73	24.4	11.1	17.0	43.2	400	2 755	800	5 515	1 200	8 275

MTSS-800™

Designed for the cost conscious fire service.



Applications

- Pre-connected cross-lay attack hose
- Decontamination and wash down hose

Features and Benefits

- Unique Mertex® lining
- Premium all synthetic double jacket
- Available with the Identify™ recessed area for color coding, bar coding and/or identification markings

- Available with Permatek HP™ treatment against abrasion, moisture pick up and mildew
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Will remain flexible to -40° F (-40° C)

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
429	1.50	38	1 13/16	46	11.0	5.0	15.5	39.4	400	2 755	800	5 515	1 200	8 275
430	1.75	44	2	51	13.0	5.9	15.5	39.4	400	2 755	800	5 515	1 200	8 275
432	2.50	64	2 7/8	73	20.0	9.1	16.5	41.9	400	2 755	800	5 515	1 200	8 275
433	3.00	76	3 5/16	84	26.0	11.8	18.0	45.7	400	2 755	800	5 515	1 200	8 275

CARRY-LITE®

Designed as the most easily advanced high rise attack hose.

Applications

- High-rise hose kits, attack hose
- Rapid intervention team (RIT) hose

Features and Benefits

- Light weight yet rugged with the lowest drag coefficient, for RIT and high rise fire fighting
- Optional Mertex Wayout® couplings
- Available with the Identify™ recessed area for color coding, bar coding and/or identification markings



- Highly flexible and snag resistant due to unique inner bonding process of the outer jacket, which locks outer fibers in place
- Unique Mertex® lining
- Premium all synthetic double jacket
- Available with Permatek HP™ treatment against abrasion, moisture pick up and mildew
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
405	1.50	38	1 3/4	44	10.5	4.8	12.0	30.5	300	2 070	600	4 140	900	6 200
406	1.75	44	2	51	12.0	5.5	14.0	35.6	300	2 070	600	4 140	900	6 200

TOURNAMENT HOSE®

Designed to specific criteria for use in firefighter tournaments.



Applications

- Firefighter tournaments

Features and Benefits

- Very low elongation yielding a faster water flow to the nozzle
- Its light weight reduces fire fighter fatigue and stress
- Unique Mertex® lining
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Available in both single and double jackets

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
434	2.5	64	2 11/16	68	12.0	5.5	12.0	30.5	250	1 725	500	3 450	750	5 175
454	Sing. 2.5 Dble.	64	2 13/16	71	21.0	9.5	16.0	40.6	400	2 755	800	5 515	1 200	8 275

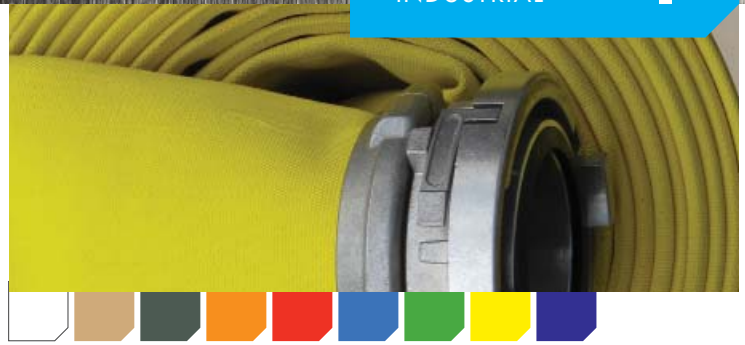


[INDUSTRIAL]



MD-500™

Designed for large volume water supply where light weight and low drag coefficient are critical.



Applications

- Industrial applications hose
- Supplying stand pipe systems
- Pumper to pumper relay
- Potable water transfer hose (stenciled)

Features and Benefits

- Unique Mertex® lining
- Premium all synthetic double jacket
- Choice of Threaded or Storz lightweight couplings
- Standard with Permatek HP™ treatment against abrasion, moisture pick up and mildew
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Remains flexible to -65° F (-55° C)

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 50'(15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
1401	4.00	102	4 3/8	111	34.5	15.7	16.0	40.6	250	1 725	500	3 450	750	5 175
1402	5.00	127	5 3/8	137	43.5	19.8	17.0	43.2	250	1 725	500	3 450	750	5 175

MD-800™

Designed for normal day to day wear and tear.



Applications

- Industrial applications hose
- Public works, parks (hockey rinks, swimming pools, etc)
- Potable water transfer hose (stenciled)
- Decontamination and wash down hose

Features and Benefits

- Tough and ready for action but light in weight
- Unique Mertex® lining
- Available with the Identify™ recessed area for color coding, bar coding and/or identification markings

- Available with Permatek HP™ treatment against abrasion, moisture pick up and mildew
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Remains flexible to -65° F (-55° C)

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 50'(15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
637	1.50	38	1 13/16	46	10.8	4.9	15.0	38.1	400	2 755	800	5 515	1 200	8 275
638	1.75	44	2	51	14.0	6.4	15.0	38.1	400	2 755	800	5 515	1 200	8 275
639	2.00	51	2 5/16	59	16.0	7.3	15.5	39.4	400	2 755	800	5 515	1 200	8 275
640	2.50	64	2 7/8	73	19.0	8.6	16.0	40.6	400	2 755	800	5 515	1 200	8 275
641	3.00	76	3 5/16	84	25.5	11.6	18.0	45.7	400	2 755	800	5 515	1 200	8 275

SNOWBLASTER 2000®

The ultimate in snowmaking hose.



Applications

- Snow making hose

Features and Benefits

- Superior performance and durability withstands the rigorous demands of high pressure snow making and winter environments
- Remains flexible to -65° F (-55° C)
- Unique Mertex® lining
- Premium all synthetic double jacket
- Standard with Permatak HP™ treatment against abrasion, moisture pick up and mildew
- Available with the Identify™ recessed area for reflective markings, bar coding and/or identification markings
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Meets or exceeds all performance requirements of NFPA 1961, Underwriters Laboratories and Factory Mutual

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
620	1.50	38	1 13/16	46	12.0	5.5	16.0	40.6	400	2 755	800	5 515	2 000	13 775
621	2.00	51	2 5/16	59	18.5	8.4	16.0	40.6	400	2 755	800	5 515	2 000	13 775
654	2.50	64	2 13/16	71	22.0	10.0	16.0	40.6	400	2 755	800	5 515	1 800	12 400
655	3.00	76	3 3/8	86	34.0	15.5	16.0	40.6	400	2 755	800	5 515	1 950	13 440

FUTURE-LINE®

The ultimate in a rapid cleanup, packable, lightweight hose.

Applications

- Pre-connected front bumper attack hose
- Pre-connected cross-lay attack hose
- Chemical and petroleum product environments
- Public works, parks (hockey rinks, swimming pools, etc)
- Decontamination and wash down hose
- Potable water transfer hose (stenciled)
- Marine fire hose and RV potable water (when specified potable water)

Features and Benefits

- Polyurethane covered outer jacket greatly reduces clean-up time and effort
- Excellent packability and extremely light in weight



- Premium all synthetic double jacket
- Unique Mertex® lining
- Available with the Identify™ recessed area for color coding, bar coding and/or identification markings
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Available in red and blue for 1 1/2" / 38mm, and red for 1 3/4" / 45mm and 2 1/2" / 64mm
- Remains flexible to -65° F (-55° C)
- Meets or exceeds all performance requirements of NFPA 1961, Underwriters Laboratories and Factory Mutual

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
903	1.50	38	1 13/16	46	10.5	4.8	14.0	35.6	400	2 755	800	5 515	1 200	8 275
905	1.75	44	2	51	14.0	6.4	14.5	36.8	400	2 755	800	5 515	1 200	8 275
907	2.50	64	2 7/8	73	24.4	11.1	17.0	43.2	400	2 755	800	5 515	1 200	8 275

MTI-500™

Designed as a double jacket, "all purpose" industrial hose.



Applications

- Industrial applications hose
- Public works, parks (hockey rinks, swimming pools, etc)
- Decontamination and wash down hose

Features and Benefits

- Tough and ready for action and light in weight
- Strong, compact and practical, and will fit on most hose storage devices
- Unique Mertex® lining
- Premium all synthetic double jacket
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Remains flexible to -65° F (-55° C)
- Meets or exceeds all performance requirements of NFPA 1961, Underwriters Laboratories and Factory Mutual

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
546	1.50	38	1 3/4	44	12.6	5.7	16.0	40.6	250	1 725	500	3 450	750	5 175

TRYME®

Designed for industrial protective applications in chemical and petroleum environments.



Applications

- Decontamination and wash down hose
- Chemical and petroleum product environments
- Public works, parks (hockey rinks, swimming pools, etc)

Features and Benefits

- Black polyurethane covered jacket
- Tough and ready for action and light in weight
- Unique Mertex® lining
- Premium all synthetic double jacket
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Combines the advantages of covered single jacket hose with the hydrostatic superiority of double jacket hose

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
993	1.50	38	1 3/4	44	9.5	4.3	14.0	35.6	200	1 375	400	2 755	1 200	8 275

NIAGARA®

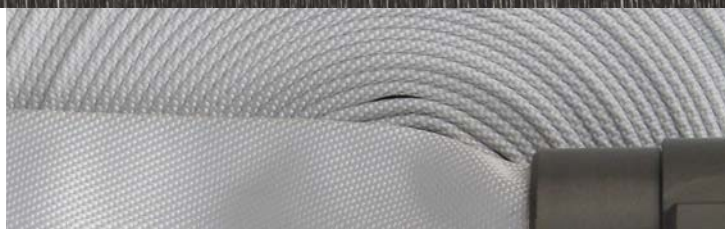
Most rugged single jacket "all purpose /everyday use"
industrial /forestry /municipal fire hose.

Applications

- Cabinet /reel fire hose
- Industrial applications hose
- Public works, parks (hockey rinks, swimming pools, etc)
- Potable water transfer hose (stenciled)
- Marine fire hose and RV potable water (when specified potable water)
- Decontamination and wash down hose
- High-rise hose kits, supply hose
- Urban interface, forestry, grass fire kits, supply hose

Features and Benefits

- Strong, compact, light in weight, and will fit on most hose storage devices

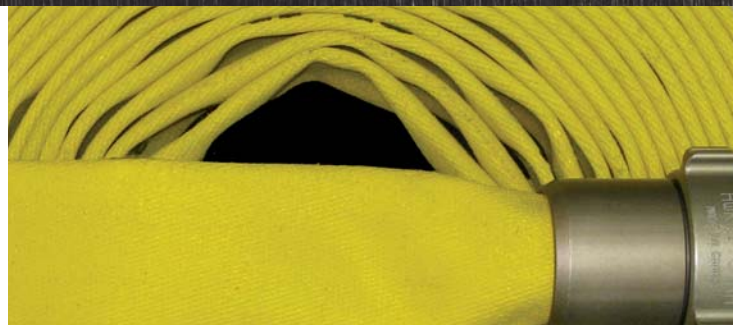


- Unique Mertex® lining
- Premium all synthetic single jacket
- Available with Permatek HP™ treatment against abrasion, moisture pick up and mildew
- Factory Mutual approved and can be FM labeled in the sizes specified*
- Remains flexible to -65° F (-55° C)
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Meets or exceeds all performance requirements of NFPA 1961, Underwriters Laboratories and Factory Mutual

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 100'(30.5M)		Coil Diameter 100'(30.5M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
612	1.00	25	1 5/32	29	7.6	3.5	15.0	38.1	250	1 725	500	3 450	750	5 175
613	1.5*	38*	1 3/4	44	12.9	5.9	15.0	38.1	250	1 725	500	3 450	750	5 175
615	1.75*	44*	1 15/16	49	13.9	6.3	16.0	40.6	250	1 725	500	3 450	750	5 175
616	2.00*	51*	2 3/16	56	15.6	7.1	16.0	40.6	250	1 725	500	3 450	750	5 175
617	2.5*	64*	2 3/4	70	22.8	10.4	16.5	41.9	250	1 725	500	3 450	750	5 175
646	2.75	70	2 7/8	73	23.7	10.8	16.5	41.9	250	1 725	500	3 450	750	5 175
618	3.00*	76*	3 3/16	81	25.0	11.4	17.0	43.2	250	1 725	500	3 450	750	5 175
619	4.00	102	4 3/16	106	37.0	16.8	18.0	45.7	200	1 375	400	2 755	600	4 140
645	5.00	127	5 3/16	132	48.0	21.8	18.0	45.7	200	1 375	400	2 755	600	4 140
649	6.00	152	6 3/16	157	66.0	30.0	18.0	45.7	150	1 031	300	2 066	500	3 450

ICW-600™

Specifically designed for high abrasion resistance in
chemical and petroleum product environments.



Applications

- Industrial applications hose
- Chemical and petroleum product environments
- Public works, parks (hockey rinks, swimming pools, etc)
- Decontamination and wash down hose
- Potable water transfer hose (stenciled)

Features and Benefits

- Specially coated using our MTLPERM™ HP polyurethane treatment which locks fibers together for greater strength, and eliminates any moisture absorption through the jacket
- Tough and ready for action and light in weight
- Unique Mertex® lining
- Premium all synthetic single jacket
- Remains flexible to -65° F (-55° C)

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 100'(30.5M)		Coil Diameter 100'(30.5M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
480	1.00	25	1 5/32	29	10.2	4.6	16.5	41.9	300	2 070	600	4 140	900	6 200
481	1.50	38	1 11/16	43	14.1	6.4	17.0	43.2	300	2 070	600	4 140	900	6 200
482	1.75	44	1 7/8	48	16.5	7.5	17.0	43.2	300	2 070	600	4 140	900	6 200

POLYFLEX®

All synthetic, rack and reel fire hose for interior use.



Applications

- Cabinet /reel fire hose

Features and Benefits

- Strong, compact, light in weight and will fit on most hose storage devices
- Unique Mertex® lining
- Premium all synthetic single jacket
- Factory Mutual and UL approved and can be FM and /or UL labeled in the sizes specified*
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Remains flexible to -65° F (-55° C)
- Meets or exceeds all performance requirements of NFPA 1961, Underwriters Laboratories and Factory Mutual

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 100'(30.5M)		Coil Diameter 100'(30.5M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
503	1.5*	38*	1 11/16	43	10.2	4.6	11.5	29.2	250	1 725	500	3 450	750	5 175
507	2.5*	64*	2 3/4	70	24.0	10.9	14.5	36.8	250	1 725	500	3 450	750	5 175

MTS-500™

Designed as a single jacket, "all purpose" industrial hose.



Applications

- Industrial and forestry applications hose
- Public works, parks (hockey rinks, swimming pools, etc)
- Marine fire hose and RV potable water (when specified potable water)

Features and Benefits

- Strong, compact, light in weight, and will fit on most hose storage devices
- Unique Mertex® lining
- Premium all synthetic single jacket
- Available with Permatek HP™ treatment against abrasion, moisture pick up and mildew
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Remains flexible to -65° F (-55° C)
- Meets or exceeds all performance requirements of NFPA 1961, Underwriters Laboratories and Factory Mutual

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 100'(30.5M)		Coil Diameter 100'(30.5M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
528	1.50	38	1 11/16	43	12.6	5.7	16.0	40.6	250	1 725	500	3 450	750	5 175
529	1.75	44	1 15/16	49	13.2	6.0	16.0	40.6	250	1 725	500	3 450	750	5 175

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[FORESTRY]



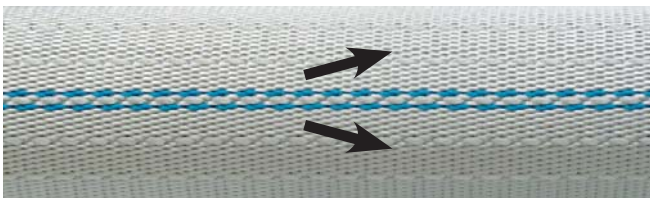
HYDROWICK PROCESS

Patented Hydro-Wick® Weeping Process

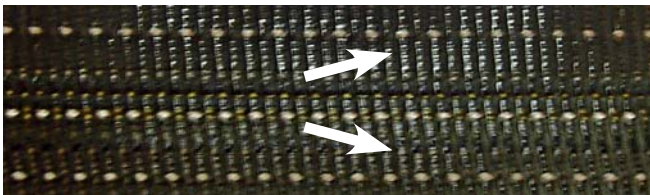
Special problems require special solutions and Mercedes Textiles Limited is particularly innovative in creating practical solutions to difficult problems. When the Forest Services of North America needed a more finely controlled weeping (self-protecting) hose than the previous technology could provide, Mercedes Textiles Limited created this clever yet simple design wherein carefully spaced yarns were exposed into the waterway. Through capillary action, a controlled amount of water is allowed to wick through the yarn and quickly soak the jacket thoroughly. This action produces a wetted outer surface without reducing flow or creating additional turbulence. When the jacket is fully wet, the capillary action automatically stabilizes.

- The Hydro-Wick® weeping process results in considerably less pressure loss than competing products, while still maintaining protection against fire and heat
- Virtually eliminates clogging, as compared to competing products
- Complete wet out is achieved in up to 300% less time than the needle prick method
- The resulting wet jacket provides excellent protection against heat, i.e., forest fire applications

Hydro-Wick® Weeping Process “Wick Effect”



Jacket Wicks Distribute the Water



Liner Wicks Pick up the Water

FIREBREAK II®

Worldwide, the #1 choice for weeping hose among forest fire agencies.



Applications

- Forestry light weight, self-protecting, attack /supply hose
- Urban interface, grass fire kits, and mop up hose
- Wildland brush fire truck attack hose
- Cottage and forestry home values protection hose

Features and Benefits

- Patented Hydro-Wick® weeping process producing a "wick" effect to dampen the hose jacket
- Tough and light in weight

- Unique Mertex® lining
- Premium all synthetic single jacket
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Remains flexible to -65° F (-55° C)
- Meets or exceeds all performance requirements of NFPA 1961, Underwriters Laboratories and Factory Mutual
- Meets ULC requirements and can be labeled upon request in the sizes* specified below

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 100'(30.5M)		Coil Diameter 100'(30.5M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
730	1.00	25	1 5/32	29	8.0	3.6	14.0	35.6	300	2 070	600	4 140	900	6 200
731	1.5*	38*	1 11/16	43	11.0	5.0	14.0	35.6	300	2 070	600	4 140	1 000	6 900
734	2.50	64	2 11/16	68	16.5	7.5	15.0	38.1	250	1 725	500	3 450	800	5 515

FORESTFLO®

Cotton/synthetic jacket combined with Hydro-Wick® weeping process provides maximum heat protection.



Applications

- Forestry light weight, self-protecting, attack hose
- Urban interface, grass fire kits, and mop up hose

Features and Benefits

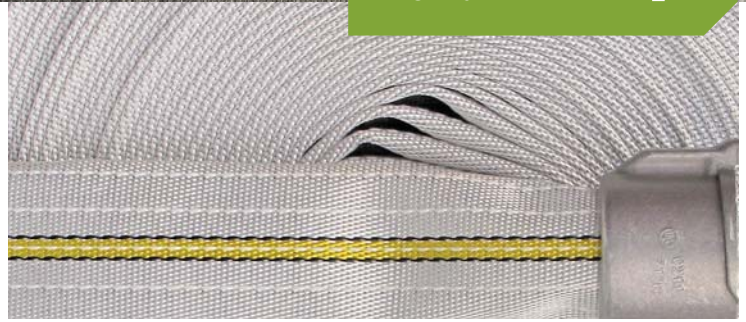
- Cotton /synthetic single jacket
- Patented Hydro-Wick® weeping process producing a "wick" effect to dampen the hose jacket
- Standard treatment of cotton jacket includes anti-fungal and anti-microbe as per ULC S518/S519 and CGSB CAN2-4.2 method 28.3

- Light weight and compact with superior heat and abrasion resistance
- Unique Mertex® lining
- Meets or exceeds all performance requirements of NFPA 1961, U.L.C S518-M90, and ULC 400° C Hot Block test
- Meets ULC requirements and can be labeled upon request in the sizes* specified below
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, and hydrolysis

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 100'(30.5M)		Coil Diameter 100'(30.5M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
762	1.00	25	1 5/32	29	8.5	3.9	15.0	38.1	300	2 070	600	4 140	900	6 200
707	1.5*	38*	1 11/16	43	12.0	5.5	15.0	38.1	300	2 070	600	4 140	900	6 200

PERCOLITE®

All synthetic ULC weeping hose approved for helicopter deployment, where every pound matters.



Applications

- Helicopter attack hose
- Forestry extra light weight, self-protecting, attack hose
- Urban interface, grass fire kits, and mop up hose
- Cottage and forestry home values protection hose

Features and Benefits

- Extremely light in weight
- Patented Hydro-Wick® weeping process producing a "wick" effect to dampen the hose jacket

- Unique Mertex® lining
- Premium all synthetic single jacket
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Meets ULC requirements and can be labeled upon request in the sizes* specified below

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 100'(30.5M)		Coil Diameter 100'(30.5M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
710	1.00	25	1 5/32	29	6.6	3.0	14.0	35.6	300	2 070	600	4 140	900	6 200
711	1.5*	38*	1 11/16	43	9.0	4.1	14.0	35.6	300	2 070	600	4 140	900	6 200

FIRE BOSS®

Most rugged with lowest friction loss, all synthetic non-percolating forestry hose, standard with yellow Permatek HPT™ treatment.



Applications

- Forestry and industrial applications hose
- Wildland brush fire truck attack hose
- Cottage and forestry home values protection hose
- High-rise hose kits, attack hose

Features and Benefits

- Tough and ready for action and light in weight.
- Spun yarn jacket for superior abrasion resistance
- Standard strobe yellow Permatek HP™ treatment against abrasion, moisture pick up and mildew

- Unique Mertex® lining
- Premium all synthetic single jacket
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Meets or exceeds all performance requirements of NFPA 1961, Underwriters Laboratories and Factory Mutual
- Meets or exceed all performance requirements of U.S.D.A. spec 5100-187C Type II for 1" (25mm) and 1 1/2" (38mm)

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 100'(30.5M)		Coil Diameter 100'(30.5M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
750	1.00	25	1 5/32	29	9.0	4.1	17.0	43.2	300	2 070	600	4 140	1 000	6 900
751	1.50	38	1 11/16	43	13.5	6.1	17.0	43.2	300	2 070	600	4 140	1 000	6 900
752	1.75	44	1 7/8	48	15.5	7.0	17.0	43.2	300	2 070	600	4 140	1 000	6 900

FIRE STOP®

A rugged all synthetic non-percolating forestry hose.



Applications

- Forestry and industrial applications hose
- Wildland brush fire truck attack hose
- Cottage and forestry home values protection hose

Features and Benefits

- Tough and ready for action and light in weight
- Spun yarn jacket for superior abrasion resistance
- Unique Mertex® lining
- Premium all synthetic single jacket
- Available with Permatek HP™ treatment against abrasion, moisture pick up and mildew
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Meets or exceeds all performance requirements of NFPA 1961, Underwriters Laboratories and Factory Mutual
- Meets or exceed all performance requirements of U.S.D.A. spec 5100-187C Type II for 1" (25mm) and 1 1/2" (38mm), when coated.

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 100'(30.5M)		Coil Diameter 100'(30.5M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
740	1.00	25	1 5/32	29	8.6	3.9	16.0	40.6	300	2 070	600	4 140	1 000	6 900
741	1.50	38	1 11/16	43	13.0	5.9	16.0	40.6	300	2 070	600	4 140	1 000	6 900
742	1.75	44	1 7/8	48	14.8	6.7	16.0	40.6	300	2 070	600	4 140	1 000	6 900

FORESTGUARD II®

Tough, all synthetic, ULC approved non-percolating forestry hose.



Applications

- Forestry lightweight, attack /supply hose
- Urban interface, grass fire kits, and mop up hose
- Wildland brush fire truck attack hose
- Cottage and forestry home values protection hose

Features and Benefits

- A tough versatile lightweight forestry fire hose
- Unique Mertex® lining
- Premium all synthetic single jacket
- Available with Permatek HP™ treatment against abrasion, moisture pick up and mildew
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Remains flexible to -65° F (-55° C)
- Meets or exceeds all performance requirements of NFPA 1961, Underwriters' Laboratories of Canada Spec S518.1, Factory Mutual and USDA Spec 5100-187C Type I for 1" (25mm) and 1 1/2"(38mm)
- Meets ULC requirements and can be labeled upon request in the sizes* specified below

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 100'(30.5M)		Coil Diameter 100'(30.5M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
704	1.00	25	1 5/32	29	8.0	3.6	14.0	35.6	300	2 070	600	4 140	1 000	6 900
705	1.5*	38*	1 11/16	43	11.8	5.4	14.0	35.6	300	2 070	600	4 140	1 000	6 900
706	1.75	44	1 7/8	48	13.5	6.1	15.0	38.1	300	2 070	600	4 140	900	6 200
701	2.50	64	2 3/4	70	22.0	10.0	16.5	41.9	300	2 070	600	4 140	900	6 200

FORESTSTREAM®

A light weight all synthetic, non-percolating, ULC approved forestry hose for both helicopter deployment and over-land supply.

Applications

- Forestry extra lightweight, attack /supply hose
- Helicopter attack hose
- Urban interface, grass fire kits, and mop up hose
- Cottage and forestry home values protection hose

Features and Benefits

- Extremely light in weight
- Unique Mertex® lining
- Premium all synthetic single jacket
- Available with Permatek HP™ treatment against abrasion, moisture pick up and mildew



- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Remains flexible to -65° F (-55° C)
- Meets or exceeds all performance requirements of NFPA 1961, Underwriters' Laboratories of Canada Spec S518.1, Factory Mutual and USDA Spec 5100-187C Type I, when coated for 1"(25mm) and 1 1/2"(38mm)
- Meets ULC requirements and can be labeled upon request in the sizes* specified below

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 100'(30.5M)		Coil Diameter 100'(30.5M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
713	1.00	25	1 5/32	29	6.5	3.0	13.5	34.3	300	2 070	600	4 140	900	6 200
715	1.5*	38*	1 11/16	43	9.5	4.3	13.5	34.3	300	2 070	600	4 140	900	6 200
718	2.50	64	2 11/16	68	16.5	7.5	15.0	38.1	250	1 725	500	3 450	750	5 175

PYROBLEND®

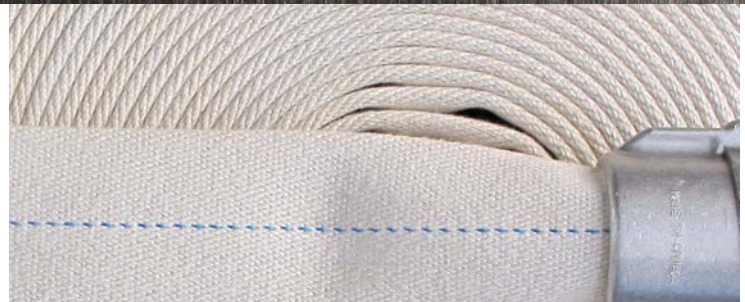
Cotton/synthetic blends in a non-percolating ULC approved fire hose provide excellent abrasion and heat resistance.

Applications

- Forestry agency attack hose

Features and Benefits

- Superior heat and abrasion resistance
- Remarkably light weight and compact
- Unique Mertex® lining
- Premium all synthetic single jacket
- Standard treatment of cotton jacket includes anti-fungal and anti-microbe as per ULC S518/S519 and CGSB CAN2-4.2 method 28.3



- Resistant to most chemicals, petrol products, ozone and U.V. exposure, and hydrolysis
- Meets or exceeds all performance requirements of NFPA 1961, U.L.C S518-M90, ULC 400° C Hot Block test and USDA spec 5100-186
- Meets ULC requirements and can be labeled upon request in the sizes* specified below

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 100'(30.5M)		Coil Diameter 100'(30.5M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
760	1.00	25	1 5/32	29	8.5	3.9	15.0	38.1	300	2 070	600	4 140	900	6 200
708	1.5*	38*	1 11/16	43	13.0	5.9	15.0	38.1	300	2 070	600	4 140	900	6 200

MYTI-FLO®

A circular woven, seamless, all synthetic hose featuring "lowest friction loss lining."



Applications

- Forestry mop-up and sprinkler hose
- Cottage and forestry home values protection hose
- Decontamination and wash down hose
- Industrial applications hose
- Marine fire hose and RV potable water (when specified)

Features and Benefits

- Seamless, light weight, and multipurpose
- Unique Mertex® lining
- Premium all synthetic single jacket

- Available with Permatek HP™ treatment against abrasion, moisture pick up and mildew
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Remains flexible to -65° F (-55° C)
- Meets or exceeds all performance requirements of NFPA 1961, Underwriters Laboratories and Factory Mutual
- Available with both GHT and patented Baby Merlug® ¾"/19mm QC couplings

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
810	5/8	16	N/A	N/A	1.5	0.7	8.0	20.3	250	1 725	500	3 450	750	5 175
719	3/4	19	N/A	N/A	1.7	0.8	8.0	20.3	250	1 725	500	3 450	750	5 175

BOOSTLITE®

A non-collapsible reel hose designed to meet a variety of fire attack requirements.



Applications

- Booster reel hose
- Range control attack hose
- Wildland brush fire truck attack hose
- Compressed Air Foam System (CAFS) applications

Features and Benefits

- Extremely kink resistant, even at low pressure
- Bend radius is less than 3 ½"/8.9cm for a ¾"/19mm hose; 4 ½"/11.4cm for a 1.0"/25mm hose; and 9.0"/23cm for a 1 ½"/38mm hose
- Non-Collapsible and fits standard hose reels

- Heavy duty spun yarn construction
- Unique Mertex® lining
- Premium all synthetic single jacket
- Standard Strobe Yellow Permatek HP™ treatment against abrasion, moisture pick up and mildew
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, and hydrolysis
- Temperature range of -60° F to 160° F (-50° C to 71° C)
- Available with expansion ring and field repairable couplings, field repairable splice, factory installed compression splice and compression couplings

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
799	0.75	19	1 1/16	27	14.9	6.8	15.3	38.9	400	2 755	800	5 515	2 000	13 775
800	1.00	25	1 9/32	33	19.3	8.8	18.0	45.7	400	2 755	800	5 515	2 000	13 775
801	1.50	38	1 13/16	46	32.0	14.5	25.0	63.5	400	2 755	800	5 515	1 800	12 400

DRAFTLITE®

A crush resistant draft hose where light weight and high pressure resistance are critical.

Applications

- Suction /Supply Line

Features and Benefits

- Extremely kink resistant - See table for bend radius
- Heavy duty spun yarn construction
- Ideal for helicopter applications
- Unique Mertex® lining
- Premium all synthetic single jacket

- Standard Strobe Yellow Permatek HP™ treatment against abrasion, moisture pick up and mildew
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Temperature range of -60° F to 160° F (-50° C to 71° C)
- Available with NH, NPSH, QC and Cam and Groove couplings

Hose Spec	Trade Size		Bowl Size		Weight Un-coupled 50'(15.2M)		Bend Radius		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
802	1.50	38	1 13/16	46	4.6	2.1	12.5	32	400	2 755	800	5 515	1 200	8 275
803	2.00	51	2 5/16	59	5.5	2.5	15.0	38	400	2 755	800	5 515	1 200	8 275

QUICKCONNECT

The only End to End Quick Connect (1/4 turn) System
From 3/4" (19mm) through to 2 1/2" (63mm).

Applications

- Forestry, industrial and municipal hose

Features and Benefits

- The only sexless system to offer a full flow waterway
- Rapid connect and disconnect equals faster firefighting
- No threads or swivel to damage
- Compatibility among fire agencies
- Can attach hose sizes from 3/4" (19mm) To 2 1/2" (63mm)
- Hose can be rolled from either end
- High strength, forged couplings allow for multiple re-use
- Patented extended Merlug® facilitates universal spanner wrenches
- Patented Babylug™ is the only quick connect coupling in the industry for 5/8" / 16mm and 3/4" / 19mm forestry hose
- ULC and USDA approved for 1" / 25mm and 1 1/2" / 38mm
- Field proven for over 20 years



H

[HIGHWATER HOSE]



DELUGE™

Designed for high volume water supply where excellent friction loss, packability and cold temperature flexibility are critical.

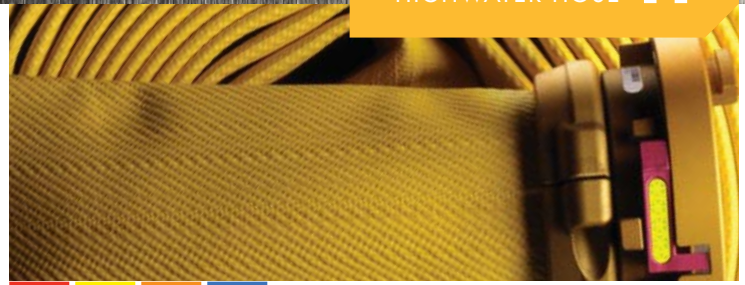
Applications

- "LDH" supply hose
- Supplying stand pipe systems
- Supply stand alone portable hydrants
- Pumper to pumper relay

Features and Benefits

- Large diameter rubber layflat supply hose
- When specified, available with Hydowick Storz couplings with "Lock Protector" technology, in sizes 4" & 5" (102 & 127 mm)
- Available with Hydowick Gold Anodized Storz™ couplings with the iReflect™ lock levers and "Lock Protector" technology in sizes 4" & 5" (102 mm & 127 mm).

These couplings also feature the Identify™ recessed area for color coding, bar coding and/or identification markings



- Various threaded and other lightweight Storz couplings available
- Remains flexible to -35° F (-36° C)
- Meets UL requirements and can be labeled upon request in sizes 4" & 5" (102 & 127 mm)
- Carries a Five (5) Year Warranty
- With iReflect™ technology couplings, Deluge™ carries a 2-10L warranty ("2 year All Hazards", "10 year against manufacturing defects" and "Lifetime against delamination")
- Available colors: 4" (102mm) red and yellow; 5" (127mm) orange, red, blue and yellow; 6" (152mm) orange

Trade Size		Bowl Size		Weight Coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Test Pressure		Burst Pressure	
In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
4	102	4 3/8	111	45.0	20.5	24.0	61.0	250	1 725	500	3 450	750	5 175
5	127	5 3/8	137	59.0	26.8	26.0	66.0	200	1 375	400	2 755	600	4 140
6	152	6 3/8	162	68.0	30.9	27.0	68.6	200	1 375	400	2 755	600	4 140

X-STREAM® PLUS

Designed for aggressive interior attack where excellent abrasion and cut resistance are essential and where color coded attack lines are crucial.

Applications

- Aggressive interior attack hose
- Pre-connected cross-lay and attack hose
- Pre-connected front bumper attack hose
- Compressed Air Foam System (CAFS) applications

Features and Benefits

- Extremely kink resistant, even at low pressure
- Features our 2-10L warranty ("2 year All Hazards", "10 year against manufacturing defects" and "Lifetime against delamination")



- Unique Mertex® lining
- Comes standard with Mertex Wayout® couplings
- Standard with the Identify™ recessed area for color coding, bar coding and/or identification markings
- Premium all synthetic double jacket
- Standard with Technolac™ treatment in eight (8) NFPA colors options
- Remains flexible to -35° F (-36° C)
- Exceeds NFPA 1961 and UL Standard Performance requirements

Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Test Pressure		Burst Pressure	
In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
1 3/4	45	2 1/8	54	18.5	8.4	16.5	41.9	500	3 450	1 000	6 900	1 500	10 345
2 1/2	64	3	76	26.5	12.0	17.0	43.2	400	2 755	800	5 515	1 200	8 275

X-STREAM®

Designed for aggressive interior attack where excellent abrasion and cut resistance are essential.



Applications

- Aggressive interior attack hose
- Pre-connected cross-lay and attack hose
- Pre-connected front bumper attack hose
- Compressed Air Foam System (CAFS) applications

Features and Benefits

- Extremely kink resistant, even at low pressure
- Features our 2-10L warranty ("2 year All Hazards", "10 year against manufacturing defects" and "Lifetime against delamination")
- Optional Mertex Wwayout® couplings
- Available with the Identify™ recessed area for color coding, bar coding and/or identification markings
- Standard with clear Technolac™ treatment
- Remains flexible to -35° F (-36° C)
- Exceeds NFPA 1961 and UL standard performance requirements

Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Test Pressure		Burst Pressure	
In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
1 3/4	45	2 1/8	54	18.5	8.4	16.5	41.9	500	3 450	1 000	6 900	1 500	10 345
2 1/2	64	3	76	26.5	12.0	17.0	43.2	400	2 755	800	5 515	1 200	8 275

HYDRATAK600™

Designed as a flexible, primary attack, rubber fire hose for municipal firefighting.



Applications

- Interior attack hose
- Decontamination and wash down hose
- Marine fire hose
- Industrial applications hose

Features and Benefits

- Optional Mertex Wwayout® couplings
- Available with the Identify™ recessed area for color coding, bar coding and/or identification markings
- All sizes available in red and yellow, 1 3/4"/45mm size also available in blue, orange and green
- Maintenance free; just wiped down and return to service
- Constructed from specially formulated synthetic nitrile rubber to produce excellent abrasion resistance
- Highly resistant to fuels, chemicals, oils, heat & environmental pollutants. Impervious to molds, mildew & other airborne organisms
- Carries a Five (5) Year Warranty
- With Mertex Wwayout® technology couplings, Hydratak™ carries a 2-10L warranty ("2 year All Hazards", "10 year against manufacturing defects" and "Lifetime against delamination")

Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Test Pressure		Burst Pressure	
In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
1	25	1 3/16	30	9.3	4.2	16.0	40.6	300	2 070	600	4 140	900	6 200
1 1/2	38	1 3/4	45	14.5	6.6	16.0	40.6	300	2 070	600	4 140	900	6 200
1 3/4	45	2	51	17.0	7.7	16.5	41.9	300	2 070	600	4 140	900	6 200
2	51	2 3/16	56	18.3	8.3	17.0	43.2	300	2 070	600	4 140	900	6 200
2 1/2	64	2 3/4	70	24.0	10.9	17.5	44.5	300	2 070	600	4 140	900	6 200
3	76	3 5/16	84	29.0	13.2	18.0	45.7	300	2 070	600	4 140	900	6 200

FLASHFLOOD 500™

Lightweight 3rd generation layflat oil resistant rubber fire hose for industrial fire protection.

Applications

- Industrial and forestry applications hose
- Chemical and petroleum product environments
- Pulp and paper mills
- Power plants including nuclear
- Decontamination and wash down hose
- In-plant racks, reels or apparatus

Features and Benefits

- UL listed and can be labeled upon request in all sizes



- Available with the Identify™ recessed area for color coding, bar coding and/or identification markings
- Colors: 1½"/38mm and 2½"/64mm black red, blue and yellow; 1¾"/45mm red and yellow; 2.0"/51mm blue
- Exceeds NFPA 1961 and UL standard performance requirements
- Maintenance free; just wipe down and return to service
- Highly resistant to fuels, chemicals, oils, heat & environmental pollutants. Impervious to molds, mildew & other airborne organisms

Trade Size		Bowl Size		Weight Un-coupled 50'(15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Test Pressure		Burst Pressure	
In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
1 1/2	38	1 3/4	44	11.0	5.0	12.5	31.8	250	1 725	500	3450	750	5 175
1 3/4	45	2	51	14.0	6.4	13.5	34.3	250	1 725	500	3450	750	5 175
2	51	2 3/16	56	17.5	8.0	14.0	35.6	250	1 725	500	3450	750	5 175
2 1/2	64	2 3/4	70	20.0	9.1	14.5	36.8	250	1 725	500	3450	750	5 175

HIGHWATER BB™

Designed as a flexible multipurpose hose for those 'Big Bore' applications where maximum water volume is essential.

Applications

- Industrial applications hose
- Emergency water supply and soft suction

Features and Benefits

- Excellent resistance to many hazardous environments, including oils, chemicals, nuclear hazards

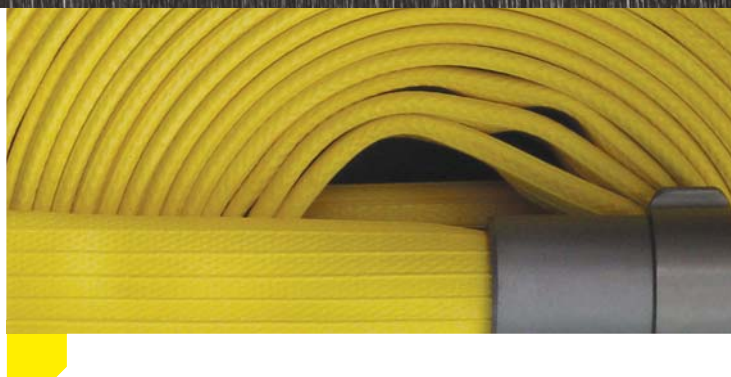


- Colors: 4"/102mm red and yellow; 6"/152mm orange; 8"/203mm and 10"/254mm black
- The nitrile rubber encapsulation of the synthetic fiber reinforcement eliminates the delamination that is common with cheaper textile jacketed hoses
- Rapid clean up in many applications

Trade Size		Bowl Size		Weight Un-coupled 50'(15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Test Pressure		Burst Pressure	
In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
4	102	4 3/8	111	38.0	17.3	17.5	44.5	250	1 725	500	3 450	750	5 175
6	152	6 1/4	159	56.0	25.5	17.5	44.5	200	1 375	400	2 755	600	4 140
8	203	8 1/4	210	78.0	35.5	17.5	44.5	150	1 035	300	2 065	450	3 100
10	254	10 1/4	260	100.0	45.5	17.5	44.5	115	790	230	1 585	350	2 415

FLD FORESTRY™

A rubber covered, layflat hose for forestry fire fighting where small size, heat resistance and low weight are an asset.



Applications

- Forestry agency attack hose
- Wildland brush fire truck attack hose

Features and Benefits

- Available in bright yellow

- Lower friction loss than comparable jacketed hose
- The ¾"(19mm) version comes with garden hose fittings for greater flexibility
- Exceeds NFPA 1961 and UL standard performance requirements
- Maintenance free; just wipe down and return to service

Trade Size		Bowl Size		Weight Un-coupled 50' (15.2M)		Coil Diameter 50' (15.2M)		Service Pressure		Test Pressure		Burst Pressure	
In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
3/4	19	1	25	5.5	2.5	12.0	30.5	300	2 070	600	4 140	900	6 200
1	25	1 3/16	30	7.0	3.2	12.5	31.8	300	2 070	600	4 140	900	6 200
1 1/2	38	1 3/4	44	11.0	5.0	12.5	31.8	300	2 070	600	4 140	900	6 200

Courses Offered

We offer training courses in the following categories:

- Fireline operating procedures for power pumps
- Repair and maintenance of portable fire pumps
- Basic Forest Fire Fighting

Training courses are offered in classroom and field environments with a hands-on, certified S100 instructor.

Our courses can be given either in our classroom facilities or at a remote location anywhere in the world.

Ordering Information

Our distributors are located worldwide. Please contact us or go to our website at to request the distributor nearest you.

Notations

- Unique Mertex® process (Canadian Patent # 1,295,104, plus 15 other countries)
- Patented Hydro-Wick® process (Canada # 2,087,576; U.S. # 5,515,262 #5,676,783 # 5,858,148)
- Baby Merlug® Patents (Canada # 2168802; US # 6328350; Other patents pending)
- The extended Merlug® Coupling Patents (Canada # 2,152,661; US # 6,318,767; New Zealand # 286,872; Australia # 706,326)
- UL denotes Underwriters Laboratory USA and ULC denotes Underwriters Laboratory of Canada.
- FM denotes Factory Mutual
- ® Represents registered trademarks of Mercedes Textiles Limited, unless otherwise noted
- ™ Represents trademarks of Mercedes Textiles Limited or Highwater Hose Inc., unless otherwise noted
- All our hoses meet or exceed all performance requirements of NFPA 1961, Underwriter's Laboratories and Factory Mutual.

Terms and Conditions of Sale

Shortages or Damaged Merchandise

Any shortage, damage or error in shipment should be reported to us immediately upon receipt of goods and at the latest within 10 days after delivery. All packages should be carefully inspected for visible damage prior to acceptance, and delivery refused or damage noted when signing for receipt of packages.

Warranties

Standard warranty

Mercedes Textiles Limited and/or Highwater Hose Inc. offer a limited warranty on items manufactured by Mercedes Textiles Limited and/or Highwater Hose Inc., as described below under "defects in material", and disclaims liability for the following:

- Failure of the product if it is used for other than its intended purpose
- Changes or modifications not expressly approved by Mercedes Textiles Limited and/or Highwater Hose Inc.
- Unreasonable use, supplemental damage, or damage to the product not resulting from defects in material or workmanship
- Any personal injury, damage to property, or any incidental or consequential damages of any kind resulting from misuse, improper installation, negligence, repair, or alteration of the product

Note: Mercedes Textiles Limited and/or Highwater Hose Inc. make no warranty with respect to any item non-manufactured by it. The buyer is subject only to any such warranty made by these respective manufactures, and to the extent available to the buyer.

Defects in Material

Mercedes Textiles Limited and/or Highwater Hose Inc. guarantee all merchandise manufactured by Mercedes Textiles Limited and/or Highwater Hose Inc. to be free from defects in material and/or workmanship for a period of one (1) year from date of invoice (See pump manuals for limitations on hours of use, etc.). Any item believed to contain a defect must be returned to Mercedes Textiles Limited and/or Highwater Hose Inc. for examination and evaluation. If the merchandise is defective as a result of a manufacturing defect, Mercedes Textiles Limited and/or Highwater Hose Inc. will repair or replace the defective item and reimburse the buyer for reasonable transportation charges.

2-10-L warranty for the following coupled hose products

KrakenExo™; Aquaflow Plus®; Aquapower™; Megaflo®; X-Stream® Plus; X-Stream®; Hydratak 600™* and Deluge™** hose products, plus the Mertex Wwayout® and Storz IReflect™ couplings which carry a 2-10 warranty.

* When coupled with the patent pending Mertex Wwayout®

** When coupled with the patent pending Storz IReflect™

"2" denotes Two year "all hazards" warranty (details below) against any damage incurred during firefighting applications

"10" denotes Ten year warranty against manufacturing defects

"L" denotes Lifetime warranty against liner delamination

Two year all hazards warranty

This warranty applies to selected products purchased after January 1, 2003 for a period of two (2) years. Mercedes Textiles Limited and/or Highwater Hose Inc. will repair or replace, at our option, any accidental damage to these products within this warranty period. Accidental damage can occur due to fire causes, cuts, abrasion or any other hazards that are present while fighting fires, which could render the hose unfit for use. Products that are used for purposes other than fire fighting, the use for which they are intended, shall not enjoy this warranty. Mercedes Textiles Limited and/or Highwater Hose Inc. reserve the right of final decision in cases of any ambiguity concerning a damaged hose.

10-L warranty for the following coupled hose products

MTFS-800-DP®; Carry-Lite®; Future-Line®; MTSS-800™ and Tournament Hose®

Returned Goods

If there is a need to return goods, please contact our customer service department with full details concerning the reason for return of any goods. The customer service will issue a Return Goods Order number (RGO), which should be indicated with the return goods shipment. Material being returned for credit will carry a minimum 20% handling and restocking charge. Goods must be in new and original condition subject to inspection, and returned freight prepaid.

Note: Non-standard items are non-cancelable and non-returnable for credit.

Return Goods Order Number (RGO)

To obtain repair or replacement, please request a Return Goods Order Number (RGO) prior to shipment of the hose and/or couplings to the factory. The cost of shipping to the factory will be paid by the Fire Department or customer. Mercedes Textiles Limited and/or Highwater Hose Inc. will cover the cost of returning the hose and couplings to the Fire Department or customer.

To request a Return Goods Order (RGO) number, contact the dealer who sold the hose, or refer to the Returned Goods section.

These warranties may be modified or discontinued at any time at the discretion of Mercedes Textiles Limited and/or Highwater Hose Inc.



**MERCEDES
TEXTILES LIMITED**
35th Anniversary

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