

Certificate of Compliance

Certificate Number(s):

UL-US-2578630-0

Report Reference:

EX2257-20250819

Issue Date:

2025-08-20

Issued to:

Snap-Tite Hose

217 Titusville Rd, Union City, PA, 16438-8601, US

This certificate confirms that representative samples of:

MZQE - Fire Hose, Lined, Uncoupled, for Municipal and Industrial Use

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

UL 19, Edition 14, Issue Date 2018-08-13, Revision Date 2025-02-05

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



David Piecuch

UL Mark Certification Program Manager



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

CERTIFICATE OF COMPLIANCE

Certificate number(s): UL-US-2578630-0
Report reference: EX2257-20250819
Issue Date: 2025-08-20

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Multiple-jacketed

Model(s): Warrior, : FW17, FWN17, FW25



David Piecuch
UL Mark Certification Program Manager

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Certificate of Compliance

Certificate Number(s):

UL-CA-2557726-0

Report Reference:

EX2257-20250819

Issue Date:

2025-08-20

Issued to:

Snap-Tite Hose

217 Titusville Rd, Union City, PA, 16438-8601, US

This certificate confirms that representative samples of:

MZQE7 - Fire Hose, Lined, Uncoupled, for Municipal and Industrial Use Certified for Canada

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

**CAN/ULC 511:2014 (R2024), Edition: 6, Issue Date: 2014-12-1,
Revision Date: 2024-7-26**

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

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CERTIFICATE OF COMPLIANCE

Certificate number(s): UL-CA-2557726-0
Report reference: EX2257-20250819
Issue Date: 2025-08-20

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Multiple-jacketed

Model(s): Warrior, : FW17, FWN17, FW25



David Piecuch
UL Mark Certification Program Manager

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File EX2257

Project 4791416104

August 19, 2025
REPORT

on

UL - Fire Hose, Lined, Uncoupled, for Municipal and Industrial Use (MZQE)

ULC - Fire Hose, Lined, Uncoupled, for Municipal and Industrial Use Certified
for Canada (MZQE7)

Snap-Tite Hose

Union City, PA

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DESCRIPTION

PRODUCT COVERED:

USL, ULC

Model FW17

Hose Size (in.)	Service Test Pressure (psig)	Hose Type	Ratings	Comments	Heat Resistance Type
1-3/4	400	Multiple-jacketed	-	Nitrile/PVC liner through the weave, woven polyester inner jacket, protected by a coated, woven, para-aramid outer jacket	Type 1

Conductive Heat Exposure: Steel Block at 400°C (752°F)

Hose Size (in.)	Exposure Duration	Avg Leakage Rate @ 150 psi	Max Leakage Rate @ 150 psi
1-3/4	>15 min	No Leakage	No Leakage

Radiant Heat Exposure: 30 kw/m²

Hose Size (in.)	Exposure Duration	Avg Leakage Rate @ 150 psi	Max Leakage Rate @ 150 psi
Size	-	-	-
1-3/4			
Uncoated, no stripe	>15 min	No Leakage	No Leakage
Red, no stripe	>15 min	No Leakage	No Leakage

Model FWN17

Hose Size (in.)	Service Test Pressure (psig)	Hose Type	Ratings	Comments	Heat Resistance Type
1-3/4	400	Multiple-jacketed	-	Nitrile/PVC liner through the weave, woven polyester inner jacket, protected by a coated, woven, para-aramid outer jacket	Type 1

Conductive Heat Exposure: Steel Block at 400°C (752°F)

Hose Size (in.)	Exposure Duration	Avg Leakage Rate @ 150 psi	Max Leakage Rate @ 150 psi
1-3/4	>15 min	No Leakage	No Leakage

Radiant Heat Exposure: 30 kw/m²

Hose Size (in.)	Exposure Duration	Avg Leakage Rate @ 150 psi	Max Leakage Rate @ 150 psi
Size	-	-	-
1-3/4			
Uncoated, no stripe	>15 min	No Leakage	No Leakage
Red, no stripe	>15 min	No Leakage	No Leakage

Model FW25

Hose Size (in.)	Service Test Pressure (psig)	Hose Type	Ratings	Comments	Heat Resistance Type
2-1/2	300	Multiple-jacketed	-	Nitrile/PVC liner through the weave, woven polyester inner jacket, protected by a coated, woven, para-aramid outer jacket	Type 1

Conductive Heat Exposure: Steel Block at 400°C (752°F)

Hose Size (in.)	Exposure Duration	Avg Leakage Rate @ 150 psi	Max Leakage Rate @ 150 psi
2-1/2	>15 min	No Leakage	No Leakage

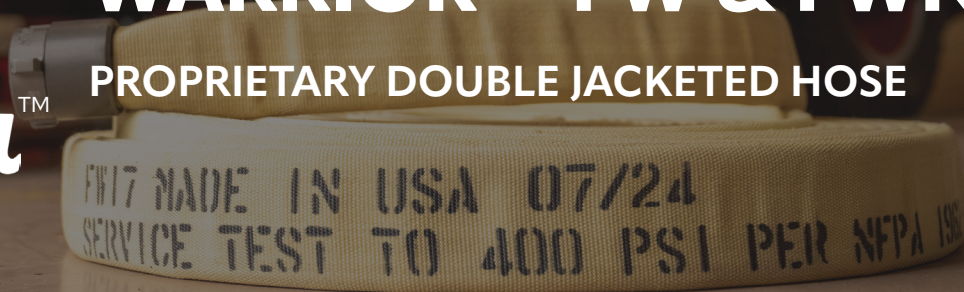
Radiant Heat Exposure: 30 kw/m²

Hose Size (in.)	Exposure Duration	Avg Leakage Rate @ 150 psi	Max Leakage Rate @ 150 psi
Size	-	-	-
2-1/2			
Uncoated, no stripe	>15 min	No Leakage	No Leakage
Red, no stripe	>15 min	No Leakage	No Leakage



WARRIOR™ FW & FWN

PROPRIETARY DOUBLE JACKETED HOSE

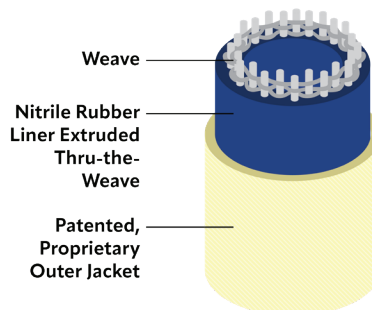


The Warrior™ hose is a revolutionary attack hose built to conquer the heat of modern fires. Independent lab tests prove the Warrior™ can withstand extreme heat for extended periods. But it's not just about survival; the Warrior™ delivers exceptional water flow, kink resistance, and handling – even under pressure. This translates to a hose that performs exceptionally well, even in the harshest environments. Equipping firefighters with the Warrior™, is helping to increase firefighter and civilian survivability in fires. The Warrior™ sets a new standard for high-temperature attack hoses, proving itself to be in a class of its own.

Neither the para-aramid fiber nor the inner lining of the Warrior hose contains PFAS (per-and-polyfluoroalkyl substances).

FEATURES

- 60 minutes of radiant testing at 30 kw/m² of heat flux without failure.
- More than three times the abrasion resistance of any current hose on the market.
- Excellent handling, kink resistance, and flow at the nozzle at pressures of 45 psi to 100 psi.
- Optional Dura-Cote™ treatment.
- Remains flexible to temperatures as low as -40°F (-40°C) and is resistant to ozone, oxidation, and most chemicals and petrochemicals. (UL Tested to -4°F (-20°C))
- Manufactured in accordance with NFPA 1960 standard, latest edition within our ISO-9001:2015 certified quality assurance system.
- An attack line designed with a 1.77" and 1.88" ID waterway.

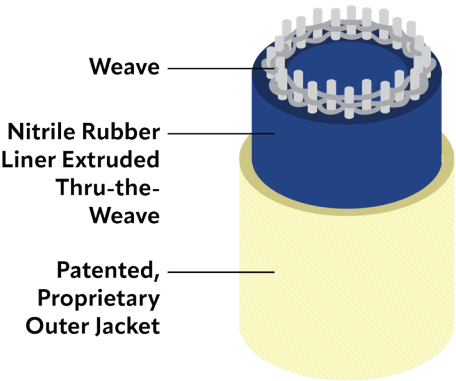


HOSE COLORS*



WARRIOR™ FW & FWN

PROPRIETARY DOUBLE JACKETED HOSE



HOSE COLORS*



*Custom colors available upon request.

TECHNICAL DATA & INFORMATION	
Model	Warrior™ (FW & FWN)
Basic Construction	Multiple jacketed attack hose with proprietary para-aramid outer jacket material and thru-the-weave nitrile rubber liner.
Application	Attack, Low PSI, CAFS
Colors:	Natural
Temperature Range	-40° F - 200° F (UL Tested to -4°F (-20°C))

TESTING PRESSURES			
Nominal Size	Service	Proof	Burst
1-3/4" (FW)	400 psi	800 psi	1200 psi
1-3/4" (FWN)	400 psi	800 psi	1200 psi
2-1/2"	300 psi	600 psi	900 psi

WARRIOR™ FW

PROPRIETARY DOUBLE JACKETED HOSE

TECHNICAL DATA & INFORMATION										
NOMINAL SIZE	INTERNAL/OUTSIDE DIAMETER				WEIGHT					
	Dry ID	Charged ID at 50 psi	Charged ID at 150 psi	Charged OD at 150 psi	Water Pickup Weight*	Dry (lbs./50' coupled)	Charged at 50 psi (lbs./50' coupled)	# of Gallons/50'	Charged at 150 psi (lbs./50' coupled)	# of Gallons/50'
1-3/4"	1.90025"	2.2398"	2.2448"	2.5930"	3.6 LBS	22	93.77	8.64	95.46	8.85
2-1/2"	2.5905"	2.59085"	2.59435"	2.94875"	5.6 LBS	36	165.09	15.55	167.53	15.84

TECHNICAL DATA & INFORMATION					
NOMINAL SIZE	DOORWAY KINK	ABRASION RESISTANCE		PACKABILITY	
		# of Taber Abrasion Cycles (H-22 wheel)		Flat Width	Edge Thickness
1-3/4"	24" / 50psi	91,000+		3.11"	.589"
2-1/2"	24" / 50psi	91,000+		4.33"	.60"

TECHNICAL DATA & INFORMATION										
NOMINAL SIZE	RADIANT HEAT TEST RESULTS					CONDUCTIVE HEAT TEST RESULTS				
	Radiant Heat Exposure	Exposure Duration*	Average Leakage Rate at 150 psi	Max Leakage Rate at 150 psi	UL 19 Heat Resistance Type	Conductive Heat Exposure	Exposure Duration*	Average Leakage Rate at 150 psi	Max Leakage Rate at 150 psi	UL 19 Heat Resistance Type
1-3/4"	30 kw/m2	>15 minutes	No leakage	No leakage	Type 1	Steel block at 752°F	>15 minutes	No leakage	No leakage	Type 1
2-1/2"	30 kw/m2	>15 minutes	No leakage	No leakage	Type 1	Steel block at 752°F	>15 minutes	No leakage	No leakage	Type 1

*The results from the radiant heat test are based on controlled laboratory testing and do not represent actual conditions encountered during firefighting. These results are intended to be used as a baseline for hose comparison purposes only and are not indicative of specific field performance. Several factors can influence hose performance relative to radiant heat, please see Guidance for Lined Fire Hose and Hose Assemblies, UL 19G for further information on these results.

*The results from the conductive heat test are based on controlled laboratory testing and do not represent actual conditions encountered during firefighting. These results are intended to be used as a baseline for hose comparison purposes only and are not indicative of specific field performance. Several factors can influence hose performance relative to conductive heat, please see Guidance for Lined Fire Hose and Hose Assemblies, UL 19G for further information on these results.

*10-year warranty, 3-year all hazard warranty.

*Uncoated, no stripe and red, no stripe - UL/ULC Certified.

*MIL Std 24606 used for water pickup weight.

*Potable water approved: No

*Quality Management System Certification: ISO 9001:2015 Registration # 11-R1045

WARRIOR™ FWN

PROPRIETARY DOUBLE JACKETED HOSE

TECHNICAL DATA & INFORMATION										
NOMINAL SIZE	INTERNAL/OUTSIDE DIAMETER				WEIGHT					
	Dry ID	Charged ID at 50 psi	Charged ID at 150 psi	Charged OD at 150 psi	Water Pickup Weight*	Dry (lbs./50' coupled)	Charged at 50 psi (lbs./50' coupled)	# of Gallons/50'	Charged at 150 psi (lbs./50' coupled)	# of Gallons/50'
1-3/4"	1.7590"	2.1208"	2.12455"	2.50075"	3 LBS	21	85.44	7.7645	87.44	8.001

TECHNICAL DATA & INFORMATION					
NOMINAL SIZE	DOORWAY KINK	ABRASION RESISTANCE		PACKABILITY	
		# of Taber Abrasion Cycles (H-22 wheel)		Flat Width	Edge Thickness
1-3/4"	24" / 50psi	91,000+		3.14"	.645"

TECHNICAL DATA & INFORMATION										
NOMINAL SIZE	RADIANT HEAT TEST RESULTS					CONDUCTIVE HEAT TEST RESULTS				
	Radiant Heat Exposure	Exposure Duration*	Average Leakage Rate at 150 psi	Max Leakage Rate at 150 psi	UL 19 Heat Resistance Type	Conductive Heat Exposure	Exposure Duration*	Average Leakage Rate at 150 psi	Max Leakage Rate at 150 psi	UL 19 Heat Resistance Type
1-3/4"	30 kw/m2	>15 minutes	No leakage	No leakage	Type 1	Steel block at 752°F	>15 minutes	No leakage	No leakage	Type 1

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