

Reinforced Extruded Rubber Lay Flat Fire Hose

COLORS:



General Applications:

- Specially designed for municipal fire departments, navies, petrochemical, nuclear plants, and other industrial services
- Superior nitrile/PVC rubber hose for use in supply and attack operations

Construction:

Made from circularly woven 100% high tenacity synthetic yarn, completely protected and locked-in by a tough, highly resistant synthetic nitrile rubber and PVC blend extruded through the weave and forming a single homogenous construction without the use of glues or adhesives.

Lining Properties – The tensile strength of the lining and cover shall not be less than 1,750 PSI (12,000 kPa), with an ultimate elongation of liner and cover not less than 450%.

Accelerated Aging – Lining specimens subjected to an exposure of 158°F ± 3.6°F, for a duration of 96 hours shall be conditioned as per ASTM D 573, Standard Test Method for Rubber – Deterioration in an Air Oven. Then, the specimens shall be tested to ASTM D4112, Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers- Tension, Method A. Upon evaluation, the tensile and elongation properties of the liner shall not be less than 75% of their initial values.

Abrasion Resistance – As stated in National Fire Protection Association (NFPA) 1961, Underwriters Laboratories (UL) 19 and Factory Mutual Approval Standard (FM) 2111, hose shall withstand 1 1/2 times the service test pressure without rupturing or breaking any thread in the jacket or reinforcement after 300 cycles of abrasion for a single jacketed hose. Hose assembly shall also not leak or burst after 3,000 cycles by an abrasion wheel.



Service Temperature Range:
-22°F (-30°C) to +176°F (+80°C)

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Features and Advantages:

- Resistant to petroleum, chemicals and abrasion.
- Underwriters Laboratories (UL) 19 and Underwriters Laboratories of Canada (ULC) – S511-14 Certified*.
- Reliable and robust.
- Lightweight and flexible.
- Fast deployment and retrieval.
- Meets or exceeds National Fire Protection Association (NFPA) 1961 Standard on Fire Hose (current edition).
- ISO 9001 - ARMTEX® Jafrib® fire hose products are manufactured in a registered facility in Barcelona, Spain.
- 10-year warranty.

Packaging:

Available in 25', 50' and 100' lengths.

Bulk Hose Lengths

Nominal Specifications								
Part Number*	Size (in)	Color	Bowl Size (in)	Service Test (psi)	Proof Test (psi)	Burst Test (psi)	Available Lengths (ft)	Weight Uncoupled (lbs/ft)
50H1RY-XXX	1†	Yellow	1 3/16	300	600	900	25/50/100	0.13
50H15RY-XXX	1 1/2	Yellow	1 3/4	300	600	900	25/50/100	0.30
50H175RY-XXX	1 3/4	Yellow	2 1/16	300	600	900	25/50/100	0.32
50H2RY-XXX	2	Yellow	2 9/32	300	600	900	25/50/100	0.38
50H25RY-XXX	2 1/2	Yellow	2 13/16	300	600	900	25/50/100	0.45
50H3RY-XXX	3	Yellow	3 5/16	300	600	900	25/50/100	0.64
50H4RY-XXX	4	Yellow	4 9/32	250	500	750	25/50/100	0.81
50H5RY-XXX	5	Yellow	5 3/8	225	450	675	25/50/100	0.94
50H6RY-XXX	6	Yellow	6 3/8	200	400	600	25/50/100	1.28
50H15RR-XXX	1 1/2	Red	1 3/4	300	600	900	25/50/100	0.30
50H175RR-XXX	1 3/4	Red	2 1/16	300	600	900	25/50/100	0.32
50H2RR-XXX	2	Red	2 9/32	300	600	900	25/50/100	0.38
50H25RR-XXX	2 1/2	Red	2 13/16	300	600	900	25/50/100	0.45
50H3RR-XXX	3	Red	3 5/16	300	600	900	25/50/100	0.64
50H4RR-XXX	4	Red	4 9/32	250	500	750	25/50/100	0.81
50H5RR-XXX	5	Red	5 3/8	225	450	675	25/50/100	0.94
50H6RR-XXX	6	Red	6 3/8	200	400	600	25/50/100	1.28

*XXX = Available Lengths

† 1" Jafrib is a dark yellow

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Assembled Lengths

Nominal Specifications										
Part Number*	Size (in)	Color	Coupling Size (in)	Coupling Type	Bowl Size (in)	Service Test (psi)	Proof Test (psi)	Burst Test (psi)	Available Lengths (ft)	Weight Uncoupled (lbs/ft)
JR150RXXX-NH150	1 1/2	Red	1 1/2	NST	1 3/4	300	600	900	25/50/100	0.30
JR150RXXX-NP150	1 1/2	Red	1 1/2	NPSH	1 3/4	300	600	900	25/50/100	0.30
JR175RXXX-NH150	1 3/4	Red	1 1/2	NST	2 1/16	300	600	900	25/50/100	0.32
JR175RXXX-NP150	1 3/4	Red	1 1/2	NPSH	2 1/16	300	600	900	25/50/100	0.32
JR250RXXX-NH250	2 1/2	Red	2 1/2	NST	2 13/16	300	600	900	25/50/100	0.45
JR300RXXX-NH250	3	Red	2 1/2	NST	3 5/16	300	600	900	25/50/100	0.64
JR400RXXX-SZ400	4	Red	4	STORZ	4 9/32	250	500	750	25/50/100	0.81
JR500RXXX-SZ500	5	Red	5	STORZ	5 3/8	225	450	675	25/50/100	0.94
JR600RXXX-SZ600	6	Red	6	STORZ	6 3/8	200	400	600	25/50/100	1.28
JR100YXXX-NH100	1†	Yellow	1	NST	1 3/16	300	600	900	25/50/100	0.13
JR100YXXX-NP100	1†	Yellow	1	NPSH	1 3/16	300	600	900	25/50/100	0.13
JR150YXXX-NH150	1 1/2	Yellow	1 1/2	NST	1 3/4	300	600	900	25/50/100	0.30
JR150YXXX-NP150	1 1/2	Yellow	1 1/2	NPSH	1 3/4	300	600	900	25/50/100	0.30
JR175YXXX-NH150	1 3/4	Yellow	1 1/2	NST	2 1/16	300	600	900	25/50/100	0.32
JR175YXXX-NP150	1 3/4	Yellow	1 1/2	NPSH	2 1/16	300	600	900	25/50/100	0.32
JR200RXXX-NH150	2	Red	1 1/2	NST	2 9/32	300	600	900	25/50/100	0.38
JR200YXXX-NH150	2	Yellow	1 1/2	NST	2 9/32	300	600	900	25/50/100	0.38
JR250YXXX-NH250	2 1/2	Yellow	2 1/2	NST	2 13/16	300	600	900	25/50/100	0.45
JR300YXXX-NH250	3	Yellow	2 1/2	NST	3 5/16	300	600	900	25/50/100	0.64
JR400YXXX-SZ400	4	Yellow	4	STORZ	4 17/32	250	500	750	25/50/100	0.81
JR500YXXX-SZ500	5	Yellow	5	STORZ	5 3/8	225	450	675	25/50/100	0.94
JR600YXXX-SZ600	6	Yellow	6	STORZ	6 3/8	200	400	600	25/50/100	1.28

*XXX = Available Lengths

*UL19 and CAN/ULC-S511-14 certified models – All except the 1" and the 6"

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