



NIEDNER R800

THE MOST RESILIENT SOLUTION

Since 1895, NIEDNER has been redefining the firefighting industry by creating lighter, more versatile lay-flat hoses to overcome the challenges firefighters face. What makes firefighters around the globe trust NIEDNER's NIEDNER FIRE solutions is first and foremost the high quality and resiliency of the products. Our hoses are engineered to stand up under the most demanding applications, including intense heat and abrasion.

PROVEN PERFORMANCE

Fire departments and emergency response teams across North America rely on our field-proven firefighting hose technology to combat small to large-scale fires. NIEDNER R800 is a 100% polyester double jacket hose, lined with EPDM rubber liner for increased durability, kink resistance and GPM flow. With a service test pressure rating of 400 PSIG (2800 kPa), it is a popular attack line choice and often selected for high-rise packs. The thin, heat resistant, EPDM liner makes it lighter and more compact than most of its rubber-lined competitors. It also has a third less bulk than rubber-covered hoses. The ENCAP™ treated outer jacket improves durability, reduces water absorption up to 40%, increases chemical resistance and allows for color options.

HIGHEST LEVEL OF QUALITY

NIEDNER maintains the highest levels of quality in the design, manufacturing, and testing of all our hose products. As a result, our solutions exceed the recognized international standards.

UNIQUE SERVICES

Our solutions have many advantages; quality, design, and engineering support, which is second to none.



Attack Hose



High-Rise Applications



Short lead-times



Rugged and Durable



Standard lengths:
50/100 feet



Manufactured in
accordance with NFPA
1961 standard

Formally known as RXL-800



FEATURES

- Abrasion and puncture resistant high pressure performance
- Increased kink resistance and GPM flow
- Ozone, age, mildew and bacteria resistant
- Increased chemical resistance

DESIGN

- Made of 100% polyester
- Lined with a TPU elastomer
- ENCAP™ treated outer jacket

ADVANTAGES

- Lighter and more compact than most of its rubber-lined competitors
- Reduced water absorption up to 40%

Manufactured in North America.
 Covered by NIEDNER's 10-year warranty.
 All NIEDNER products are dried before shipping.

TECHNICAL DATA

Diameter		Weight				Flat Width		Thickness		Coil Diameter		Internal		Coupling		Pressure	
Inches	Spec	50 ft., w/alum cplgs		100 ft., w/alum cplgs		All lengths		Layflat		Per 50 ft., w/couplings		Diameter		Bowl size		Service test	
(mm)	#	lb	kg	lb	kg	in	cm	in	cm	in	cm	in	mm	in	mm	PSI	kPA
1 1/2" (38mm)	4515	14	6.35029	26	11.7934	2.875	7.3025	0.30	0.762	21	53.34	1-23/32	43.7	1-15/16	49.2	400	2800
1 3/4" (45mm)	4517	14.5	6.57709	28	12.7006	3.125	7.9375	0.33	0.8382	21	53.34	1-7/8	47.6	2-1/16	52.4	400	2800
2" (51mm)	4520	18	8.16466	34	15.4221	3.375	8.5725	0.33	0.8382	21	53.34	2-1/16	52.4	2 5/16	58.7	400	2800
2 1/2" (64mm)	4525	23	10.4326	43	19.5045	4.5	11.43	0.33	0.8382	22	55.88	2-13/16	71.4	3"	76.2	400	2800
3" (76mm)	4530	30	13.6078	57	25.8548	5.5	13.97	0.35	0.889	22	55.88	3-5/16	84.1	3-1/2	88.9	400	2800

AVAILABLE COLORS: White, Green, Red, Orange, Blue, Beige-Tan, Purple and Yellow

CONTACT

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