



NIEDNER 500

THE MOST RESILIENT SOLUTION.

Since 1895, NIEDNER has been redefining the fire industry by creating lighter, more versatile lay flat hoses to overcome the challenges firefighters face. What makes firefighters around the globe trust NIEDNER's solutions is first and foremost the high quality and resiliency of the products. The hoses have been engineered to meet the most demanding applications, including heat and abrasion resistant fire hoses.

PUT TO THE TEST OVER 250 WORLD'S LARGEST INDUSTRIAL FIRES

Designed for industrial protective applications in chemical and petroleum environments, our industrial line is engineered to keep you safe. Resistant to most chemicals, petroleum based products, U.V and ozone exposure, rot and mildew and hydrolysis, we produce industrial fire hoses that are ready to withstand hazardous elements. A single jacket industrial hose, with a service test pressure of 300 PSI (2100 kPa) and constructed of 100% filament polyester lined with TPU elastomer. Yellow ENCAP™ treatment improves abrasion resistance and reduces water absorption. The high quality construction of NIEDNER 500 makes it an excellent choice for many single jacket utility hose applications.

HIGHEST LEVEL OF QUALITY

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

UNIQUE SERVICES

Our solutions have many advantages, including our unique services and engineering support which is second to none.



Highly safe hose



Corrosion and maintenance-free



Short lead-times and quick to install



Reusable



Standard lengths: 50/100 feet



Increased resiliency



Commitment to the environment

Formally known as LD 500



FEATURES

- Abrasion and puncture resistant
- Kink resistant and GPM flow
- Ozone, age, mildew and bacteria resistant

DESIGN

- Made of 100% filament polyester
- Lined with yellow ENCAP™
- Lined with a TPU elastomer

ADVANTAGES

- Lightweight
- Reduces water absorption up to 40%
- Temperature range: 60°F to 140°F (-51°C to 60°C).

TECHNICAL DATA

Diameter		Weight		Flat Width		Coil Diam.		Pressure			
Inches	Spec #	100 ft., w/alum cplgs		All lengths		100 ft., w/couplings		Service test		Burst test	
(mm)		lb	kg	in	cm	in	cm	PSI	kPA	PSI	kPA
1 1/2 "	3865	13.75	6,2	1.79	4.55	15	38	300	2100	900	6300
(38 mm)											
2 1/2 "	3875	22	10	2.56	6.50	17	43	300	2100	900	6300
(64 mm)											

AVAILABLE COLORS: Yellow

OUR PRODUCT LINE CERTIFICATIONS

NIEDNER's solutions are certified by accredited independent institutes



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