



# ALTRA PRO

## THE REINVENTED LOW PRESSURE HOSE

### SCOPE

This Attack Hose has been designed for low pressure use and manufactured to meet the highest quality requirements including NFPA1961 and UL-19 standards. It was specifically built for municipal firefighter, with the goal to exceed all their expectations.

### DESIGN

Built specifically for low-pressure use, this hose will flow a maximum of GPM with the need of a minimum pressure output, and without interruptions that would cause kinks.

### CONSTRUCTION

Made with two high quality layers that deliver top-industry performances.

The inner hose jacket is specially constructed with a Through the Weave nitrile rubber tube, made of 100% polyester yarns for durability and with TTW technology, so adhesion will never be a concern. This inner tube has also a very low friction loss coefficient for maximum flow.

The outer jacket is a Patent Pending 3D weave that is resistant to abrasion and delivers top-industry burst performance. This new 3D technology allows us to add the unique and game changing strips that help avoid kinks, and improve handling, and precision. These strips also reduce the friction when dragged. Our special ENCAP treatment will reduce water absorption up to 40%.



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

## NEVER SEEN BEFORE FEATURES:

- 3D weaving technology
- Unique weaved strip design
- Wear warning indicator

## NEW 3D WEAVING TECHNOLOGY PERFORMANCE ADVANTAGES:

- Highest burst in the industry
- Abrasion resistance that meets and surpasses every industry standard
- Kink-resistant
- Easy to stack in truck bed
- Easy to use, highly manoeuvrable
- High stability in use
- Minimum elongation reduces snaking in tight places

## WEAR WARNING INDICATOR PERFORMANCE ADVANTAGES:

- Prevents safety issues
- Reference for life expectancy

## UNIQUE WEAVED STRIPS DESIGN PERFORMANCE ADVANTAGES:

- Drag factor is dramatically reduced.
- Kink resistant to ensure uninterrupted flow for maximum safety.
- Allows for better hand grip in the action.
- Helps with precision, serves as an index reference for the nozzle operator.
- Best in its class for handling and maneuverability
- Abrasion resistant
- Unique look and feel

## OUR PRODUCT LINE CERTIFICATIONS

NIEDNER's solutions are certified by accredited independent institutes



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

## TECHNICAL DATA

Trade Size	Weight		Flat Width		Coupling				Pressure				
	50 ft., with couplings		in	cm	Aluminum set weight		Bowl size		GPM at 50psi	Service test		Burst test	
Inches (mm)	lbs	kg			lbs	kg	in	cm		PSI	KPA	PSI	KPA
1.77" (45mm)	22	9.98	3.15	8	1.07	0.49	2.1562	5.48	160*	650	4481	1950	13,445
1.88" (48mm)	25	11.34	3.38	8.59	1.07	0.49	2.1875	5.56	185**	650	4481	1950	13,445

\* This value was obtained with a 7/8" smooth bore nozzle for the 1.77in. hose

\*\* This value was obtained with a 15/16" smooth bore nozzle for the 1.88in. hose.

AVAILABLE COLORS: White, blue, grey, red, yellow, green, purple, orange, beige-tan.

## CONTACT

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