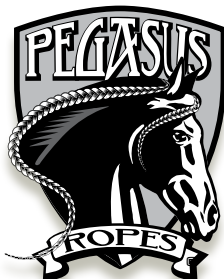


# HAVOC ASSAULT ROPE SERIES

8MM & 9.5MM

Learn more about this and other **Products with a Mission**® at [www.NARescue.com](http://www.NARescue.com)



## Wreak HAVOC, with confidence!

The Operationally Unparalleled **HAVOC Assault Rope Series** is the foundation of North American Rescue's Vertical **Access, Extraction, & Evacuation** Systems.

The Synergistic Innovation of the **HAVOC Assault Rope Series** emerges from the pairing of 2 uniquely robust Fibers, Meticulously Engineered and Manufactured, to forge ropes with **Unmatched Capabilities & Resilience** - capable of countering the harshest environmental pathologies found in full-spectrum vertical responses.

**NAR® & EDELRID**, the industry leader with 150 years of experience in rope manufacturing, have joined forces with multi-disciplinary vertical specialists to innovate the **most tenacious small diameter ropes on the market today** - engineered to counter the most severe environmental pathologies found throughout full spectrum operations... whether at work or at play.

The unique material selection & engineering of the HAVOC core, specifically the **Innega™ Braided Fiber Core Integration**, provides **superior durability, low cyclic fatigue** properties, an **extremely low specific gravity** and structural weight, **superior resistance to the harshest contaminants** (acids, bases, and organic solvents), and unrivaled cut-resistance. The novel tensioning and fiber refinement techniques utilized within the 16-carrier **12-braid Innegra™ core amplifies its overall robustness and resilience** providing an operational rope which acts as a countermeasure to anticipated environmental challenges.

The specialized core of the **NAR® HAVOC Assault Rope Series** is protected by a higher density, precision double braided Technora® sheath to synergistically interface with the core for **optimized strength, elongation, decreased creep, heat resistance, and operational safety**. To reinforce and exceed the **abrasion resistance, cut resistance, and overall durability** of other competitive ropes, the HAVOC Rope Series strategically bulked up the sheath percentage of each rope while maintaining a tightly weaved, snag-free, exterior cover.

**Innovative Synergy of 2 unique Fibers engineered for unmatched Confidence & Resilience from Ropes in Challenging Environments...**

**INNEGRA**  
CORE



**52.5%  
Technora®  
Sheath  
(8mm)**

**54%  
Technora®  
Sheath  
(9.5mm)**



## FEATURES/SPECIFICATIONS

### CORE

- **Innega™** Lightest Weight Structural Fiber on the market with a very Low Specific Gravity
- Resistant fo Harsh Contaminants & Chemicals
- Hydrophobic
- Low Flex Fatigue
- Superior Durability
- Extremely High Cut Resistance
- (8mm) Meets EN 564

### SHEATH

- **Technora® Sheath** Ratio by wht:  
8mm - 52.2%  
9mm - 54%  
**The most robust on the market!**
- Resistant to Cuts, Abrasion & Heat
- Optimized Strength
- Decreased Creep
- Increased Durability & Safety



### 8MM HAVOC ASSAULT ROPE

| ITEM #  | LENGTH |
|---------|--------|
| 90-8501 | 50 FT  |
| 90-0403 | 75 FT  |
| 90-1402 | 100 FT |
| 90-0404 | 150 FT |
| 90-2402 | 200 FT |
| 90-3402 | 300 FT |
| 90-6402 | 660 FT |

### 9.5MM HAVOC ASSAULT ROPE

| ITEM #  | LENGTH |
|---------|--------|
| 90-0450 | 50 FT  |
| 90-0475 | 75 FT  |
| 90-1005 | 100 FT |
| 90-1505 | 150 FT |
| 90-2005 | 200 FT |
| 90-3005 | 300 FT |
| 90-6605 | 660 FT |



**NORTH AMERICAN RESCUE®**  
[www.NARescue.com](http://www.NARescue.com) • 888.689.6277

# HAVOC ASSAULT ROPE SERIES

8MM & 9.5MM

**Engineered to counter the pathologies innate to the following environments and/or tactical/operational mission sets:**

- Mountain/Rough Terrain Movement & Evacuation
- Urban Access, Extraction, & Rescue
- Emergency Egress/Bail-Out
- Waterborne/Maritime Access & Rescue
- Cave/Subterranean Response
- Snow/Ice Rescue
- Shipboard Response, Rescue, & Evacuation
- Canyon Movement & Rescue (Class B and C)
- Confined Space Rescue
- Wilderness SAR
- Wildland REMS
- Rescue Task Force (RTF)



## SPECIFICATIONS:

*Diameter: 8mm*

- Breaking Strength: 5,615 lbs. (25 kN)
- Weight: 2.9 lbs per 100ft.
- Elongation: 3.58% at 300 lbs.
- **Sheath Ratio: 52.5%**
- Certifications: Meets EN 564

*Diameter: 9.5mm*

- Breaking Strength: 6,519 lbs. (29 kN)
- Weight: 3.8 lbs per 100ft.
- Elongation: 3.5% at 300 lbs.
- **Sheath Ratio: 54%**



### 8MM HAVOC ASSAULT ROPE

| ITEM #  | LENGTH |
|---------|--------|
| 90-8501 | 50 FT  |
| 90-0403 | 75 FT  |
| 90-1402 | 100 FT |
| 90-0404 | 150 FT |
| 90-2402 | 200 FT |
| 90-3402 | 300 FT |
| 90-6402 | 660 FT |

### 9.5MM HAVOC ASSAULT ROPE

| ITEM #  | LENGTH |
|---------|--------|
| 90-0450 | 50 FT  |
| 90-0475 | 75 FT  |
| 90-1005 | 100 FT |
| 90-1505 | 150 FT |
| 90-2005 | 200 FT |
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8mm

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