



# FORESTRY FIRE HOSES

Forestry Fire Hoses

## HEATWAVE



Lightweight compact high performance forestry hose capable of withstanding temperatures that would incinerate conventional synthetic hoses. High heat resistance is achieved through the use of ARAMID yarns in both the warp and weft directions. Unlike polyester, which is used in conventional lightweight forestry hose and melts at approximately 500°F (260°C), ARAMID does not melt but rather decomposes thermally at approximately 750°F (400°C). ARAMID however, retains most of its physical properties right up to its decomposition point, where as polyester begins to soften and weaken long before its melting point is reached. This means that the effective highend working temperature is not 50% higher than polyester but, in fact, 100% higher.

Construction: Circular woven, single jacket 100% virgin ARAMID Extruded T.P.U. elastomer - Ozone and age resistant. Length: 50' to 100' (15,2 to 30,5 m).

| Hose size      | Spec Number | Coupling bowl size | Weight / 100' (30,5 m) uncoupled | Coil dia. / 100' (30,5 m) | Minimum kink burst test pressure |
|----------------|-------------|--------------------|----------------------------------|---------------------------|----------------------------------|
| 1 1/2" (38 mm) | 6715        | 1 11/16" (42,9 mm) | 10,0 lbs (4,5 kg)                | 13" (33 cm)               | 500 PSIG (3500 kPa)              |

## DRAFTEX



A revolutionary new concept in suction hose, incorporating lightweight technology in woven fabric to yield a rigid durable draft hose. The secret to its lightweight is a special helical reinforcement that is encased by spun polyester warp yarns. The monofilament polyester reinforcement yields a rigid hose that is capable of withstanding a vacuum of up to 25 inches of mercury (84,7 kPa). If the hose should be crushed, unlike conventional steel wire-reinforced suction hose, it will regain and retain its original shape once pressurized.

Construction: Circular woven, single jacket 100% virgin spun polyester, combined with a helical interior reinforcement. Extruded T.P.U. elastomer - Ozone and age resistant.

Length: Up to 20' (6,1 m).

| Hose size      | Spec Number | Coupling bowl size | Weight / 10' (3,1 m) coupled | Minimum kink burst test pressure |
|----------------|-------------|--------------------|------------------------------|----------------------------------|
| 1 1/2" (38 mm) | 3265        | 1 13/16" (45,0 mm) | 4,5 lbs (2,0 kg)             | 500 PSIG (3500 kPa)              |
| 2" (51 mm)     | 3270        | 2 3/8" (60,3 mm)   | 5,0 lbs (2,3 kg)             | 500 PSIG (3500 kPa)              |



## HOTLINE

A blend of forestry expertise and computer technology set the standards for HOTLINE, thus creating a revolutionary fire hose. This single jacket 600 PSIG (4200 kPa) test all synthetic forestry hose, yellow ENCAP treated to guarantee outstanding abrasion resistance and maximum heat dispersion. Because of its bright yellow fluorescent appearance, it has a high retrieval rate; and yet cleans up extremely well after most severe use. HOTLINE is lightweight, handles easily wet or dry, cleans up well and dries fast, ready for rolling and storage. Construction: Circular bias woven, single jacket 100% virgin spun polyester. Extruded T.P.U. elastomer - Ozone and age resistant. Length: 50' to 100' (15,2 to 30,5 m).



| Hose size      | Spec. Number | Coupling bowl size | Weight / 100' (30,5 m) uncoupled | Coil dia. / 100' (30,5 m) | Minimum kink burst test pressure |
|----------------|--------------|--------------------|----------------------------------|---------------------------|----------------------------------|
| 1" (25 mm)     | 2350         | 1 3/16" (30,2 mm)  | 17,0 lbs (7,7 kg)                | 16 1/2" (42 cm)           | 600 PSIG (4200 kPa)              |
| 1 1/2" (38 mm) | 2355         | 1 11/16" (42,9 mm) | 26,5 lbs (12,0 kg)               | 16 1/2" (42 cm)           | 600 PSIG (4200 kPa)              |
| 1 3/4" (45 mm) | 2357         | 2 1/16" (52,4 mm)  | 32,0 lbs (14,5 kg)               | 16 1/2" (42 cm)           | 600 PSIG (4200 kPa)              |

## SPEC 187™

An extremely lightweight all synthetic forestry hose which meets or exceeds USDA Spec 187. Comes treated with a suitable fungicide. It is durable yet its lightweight feature allows more hose to be carried or packed within the same space requirements. Being synthetic the maintenance is greatly reduced. Construction: Circular bias woven, single jacket 100% virgin filament polyester. Extruded T.P.U. elastomer - Ozone and age resistant. Length: 50' to 100' (15,2 to 30,5 m).



| Hose size      | Spec. Number | Coupling bowl size | Weight / 100' (30,5 m) uncoupled | Coil dia. / 100' (30,5 m) | Minimum kink burst test pressure |
|----------------|--------------|--------------------|----------------------------------|---------------------------|----------------------------------|
| 1" (25 mm)     | 5090         | 1 3/16" (30,2 mm)  | 8,5 lbs (3,9 kg)                 | 15" (38 cm)               | 500 PSIG (3500 kPa)              |
| 1 1/2" (38 mm) | 5095         | 1 11/16" (42,9 mm) | 13,75 lbs (6,3 kg)               | 15" (38 cm)               | 500 PSIG (3500 kPa)              |

## ECONOFLO

A versatile multipurpose high-pressure fire hose made with 100% virgin polyester and lightweight, high strength T.P.U. lining. Coupled with brass ferrule type couplings, garden hose thread. Designed for use in fighting forest fires. Applications include filling pump cans, protecting pump operating areas, supplying sprinklers, low volume hand-lines, remote fireline protection and mop up. Easily carried and stored. Construction: Circular woven, single jacket 100% virgin spun polyester. Extruded T.P.U. elastomer Ozone and age resistant. Length: 50' to 100' (15,2 to 30,5 m)



| Hose size    | Spec. Number | Coupling bowl size | Weight / 50' (15,2 m) coupled | Coil dia. / 50' (15,2 m) |
|--------------|--------------|--------------------|-------------------------------|--------------------------|
| 5/8" (16 mm) | 2463         | 5/8" GHT (15,9 mm) | 1,0 lbs (0,5 kg)              | 9,0" (23 cm)             |
| 3/4" (19 mm) | 2475         | 3/4" GHT (19,1 mm) | 1,5 lbs (0,7 kg)              | 9,0" (23 cm)             |

### STAFLO

A weeping forestry fire fighting hose designed around end-user needs and specifications. Single jacket 300 PSIG (2 100 kPa) test all polyester, anti-mildew treated, weeping forestry hose for self-protection. Construction: Circular woven, single jacket 100% virgin filament polyester. Extruded T.P.U. elastomer - Ozone and age resistant. Length: 50' to 100' (15,2 to 30,5 m).



| Hose size      | Spec. Number | Coupling bowl size | Weight / 100' (30,5 m) uncoupled | Coil dia. / 100' (30,5 m) | Minimum kink burst test pressure |
|----------------|--------------|--------------------|----------------------------------|---------------------------|----------------------------------|
| 1" (25 mm)     | 2160         | 1 3/16" (30,2 mm)  | 8.0 lbs (3,6 kg)                 | 14" (36 cm)               | 500 PSIG (3500 kPa)              |
| 1 1/2" (38 mm) | 2165         | 1 11/16" (42,9 mm) | 12.0 lbs (5,4 kg)                | 14" (36 cm)               | 500 PSIG (3500 kPa)              |

### FIRELINETM

A 300 PSIG (2 100 kPa) test cotton polyester anti-mildew treated single jacket forestry hose. Circular woven, single jacket of long staple cotton and 100% virgin polyester. Extruded T.P.U. elastomer - Ozone and age resistant. Length: 50' to 100' (15,2 to 30,5 m).



| Hose size      | Spec. Number | Coupling bowl size | Weight / 100' (30,5 m) uncoupled | Coil dia. / 100' (30,5 m) | Minimum kink burst test pressure |
|----------------|--------------|--------------------|----------------------------------|---------------------------|----------------------------------|
| 1" (25 mm)     | 2060         | 1 3/16" (30,2 mm)  | 10.0 lbs (4,5 kg)                | 16" (31 cm)               | 400 PSIG (2800 kPa)              |
| 1 1/2" (38 mm) | 2065         | 1 11/16" (42,9 mm) | 14.0 lbs (6,4 kg)                | 16" (31 cm)               | 400 PSIG (2800 kPa)              |

### Product

### SUPERFLO-SYN™

A 300 PSIG (2 100 kPa) test all filament polyester forestry hose, highly flexible, non-weeping. Coupled with brass ferrule type couplings, 3/4" (19 mm) garden hose threads. Construction: Circular woven, single jacket 100% virgin spun polyester. Extruded T.P.U. elastomer - Ozone and age resistant. Length: 50' (15,2 m)



| Hose size  | Spec. Number | Coupling bowl size | Weight / 50' (15,2 m) coupled | Coil dia. / 50' (15,2 m) | Minimum kink burst test pressure |
|------------|--------------|--------------------|-------------------------------|--------------------------|----------------------------------|
| 1" (25 mm) | 2600         | 3/4" GHT (19,1 mm) | 4.0 lbs (1,8 kg)              | 10" (25 cm)              | 500 PSIG (3500 kPa)              |



Product Shot



### FIRESTORM

A unique 1 1/4" (32 mm) forestry hose designed to fill the requirements of most 1" and 1 1/2" (25 and 38 mm) applications. The 1 1/4" (32 mm) waterway allows a significant increase in water flow over 1" (25 mm) hose and reduces the pressure loss by 30 PSIG (2 10 kPa) at 40 US GPM (1 5 L), yet only weighs slightly more. Manufactured from 100% virgin spun polyester warp yarns and ENCAP treated, FIRESTORM provides exceptional abrasion and cut resistance. The ENCAP treatment and large red stripe yield a highly visible hose that is water repellent and easy to clean. Construction:

Circular woven, single jacket 100% virgin spun polyester. Extruded T.P.U. elastomer - Ozone and age resistant.

Length: 50' to 100' (15,2 to 30,5 m). Jacket treatment: ENCAP encapsulation (clear). Provides water repellency, abrasion, oil and chemical resistance.

| Hose size      | Spec Number | Coupling bowl size | Weight / 100' (30,5 m) uncoupled | Coil dia. / 100' (30,5 m) | Minimum kink burst test pressure |
|----------------|-------------|--------------------|----------------------------------|---------------------------|----------------------------------|
| 1 1/4" (32 mm) | 2512        | 1 3/8" (34,9 mm)   | 10,0 lbs (4,5 kg)                | 15 1/2" (39 cm)           | 700 PSIG (4900 kPa)              |



### HOTSHOT™

As a result of ongoing advancements in technology, NIEDNER is proud to introduce HOTSHOT™, a premiere weeping forestry fire fighting hose designed around end-user needs and specifications. Single jacket 300 PSIG (2 100 kPa) test cotton polyester, anti-mildew treated, weeping forestry hose, Patent No. 1077867.

Construction: Circular woven, single jacket of long staple cotton and 100% virgin polyester. Extruded T.P.U. elastomer - Ozone and age resistant.

Length: 50' to 100' (15,2 to 30,5 m). Jacket treatment : Suitable fungicide capable of migrating into the adhesive and lining material.

| Hose size      | Spec Number | Coupling bowl size | Weight / 100' (30,5 m) uncoupled | Coil dia. / 100' (30,5 m) | Wetting time at 100 PSIG (700 kPa) | Weepage 100 PSIG (700 kPa)    | Weepage 200 PSIG (1400 kPa)    | Minimum kink burst test pressure |
|----------------|-------------|--------------------|----------------------------------|---------------------------|------------------------------------|-------------------------------|--------------------------------|----------------------------------|
| 1" (25 mm)     | 2760        | 1 3/16" (30,2 mm)  | 9,0 lbs (4,1 kg)                 | 16" (41 cm)               | 4,0 min                            | 0,21 oz/ft/min<br>20 ml/m/min | 0,67 oz/ft/min<br>65 ml/m/min  | 400 PSIG (2800 kPa)              |
| 1 1/2" (38 mm) | 2765        | 1 11/16" (42,9 mm) | 13,0 lbs (5,9 kg)                | 16" (41 cm)               | 5,0 min                            | 0,36 oz/ft/min<br>35 ml/m/min | 1,03 oz/ft/min<br>100 ml/m/min | 400 PSIG (2800 kPa)              |

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