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## Double Jacket Attack Hose

### • Key Nylon 6.6 Fire Hose Specification

#### ► Scope

Hose manufactured to this specification shall be of superior quality and workmanship. The hose will withstand the rough usage of front line fire fighting. Hose specified shall be **Key Nylon 6.6** or approved equal. Imported hose will not be accepted.

#### ► Feature

Double jacket hose manufactured to this specification shall be tightly woven from entangled filament Nylon 6.6 yarn in both the inner and outer jackets and be highly abrasion resistant. The filler yarns of both the inner and outer jackets shall be high-tenacity filament polyester for increased tensile strength and durability. The hose shall be resistant to most chemicals and petrol products, and resist deterioration due to exposure to UV-rays and ozone. It shall not be affected by rot or mildew. The hose must be of sufficient body and weight to meet the demands of heavy-duty fire fighting usage.

#### ► Performance

The service test pressure of hose made to this specification shall be 400 PSI. The proof test pressure shall be 800 PSI, and the burst test pressure of a 3ft. sample shall be at least 1200 PSI. At 600 PSI pressure, a 50 ft. hose shall not elongate more than 48 inches. The twist of the hose shall not exceed 2 right hand turns per 50 ft. nor shall it rise up from the test surface. The hose must resist kinking and be flexible at temperatures as low as 65°F.

#### ► Lining

The rubber lining shall be a single-ply extruded tube of synthetic EPDM compounded to resist ozone. The finished form shall be free of pits or other imperfections and have a smooth finish for better flow characteristics. No reclaimed rubber shall be used. Plastic tubes that sacrifice durability of the hose life for the sake of weight are not acceptable. The tube thickness for the 1<sup>3</sup>/<sub>4</sub>" shall be a minimum of .045".

**Tensile Strength & Ultimate Elongation:** Shall meet the standards of Underwriters Laboratories, Inc. as well as all other properties of UL-19 for rubber-lined hoses. A valid U.S. Underwriters inspection procedure shall be in force.

#### ► Abrasion Impregnation

Hose assemblies shall be available with the special "Key-Lok" polymer impregnation for added abrasion resistance and ease in identification purposes. Impregnated hose shall meet the requirements of MIL-H-24606B for abrasion resistance. The color for the attack hose shall be specified by the department. Red, yellow and orange are standard.

#### ► Standards

Fire hose manufactured to this specification shall meet and exceed all performance requirements of NFPA 1961, Underwriter's Laboratories and MIL-H-24606B.

#### ► Couplings

Lightweight aluminum threaded couplings with NST threads. Imported couplings will not be accepted.

#### ► Weights and Measures

<b>Size</b>	<b>1<sup>3</sup>/<sub>4</sub>"</b>	<b>2<sup>1</sup>/<sub>2</sub>"</b>
<b>Part #</b>	<b>DN17-800</b>	<b>DN25-800</b>
<b>Coil Diam</b>	<b>18"</b>	<b>18"</b>
<b>Bowl Size</b>	<b>2<sup>1</sup>/<sub>8</sub>"</b>	<b>3"</b>
<b>Weight per 50'</b>	<b>19#S</b>	<b>28#s</b>

Key reserves the right to modify any specification without prior notice to meet or exceed changing standards. Customers are advised that special diameters or construction characteristics can be produced on special request. For more information, please contact your Key Fire Hose Corporation authorized distributor.

# MAGNUM 800

*Nylon 6.6 Double Jacket  
Attack Hose*



- **10 year Warranty**
- **Abrasion Resistance**
- **Cold Resistance**
- **Heat Resistance**
- **High Kink Resistance**
- **High Flow Capability**
- **Low Friction Loss**



**Are You Really Ready?**

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