

# FLAME OUT

MSHA APPROVED MINE HOSE

MADE IN  
USA



## THIS IS **KEY**

Mine Safety and Health Administration approved, this lightweight jacketed and rubber lined fire hose features self-extinguishing properties and is guaranteed to meet the demands of underground fire fighting. Extremely heat and cold resistant and available in single jacket or double jacket construction with high quality polyester reinforced outer jacket and durable MSHA Approved rubber liner. All polyester outer jackets provide superior cut, puncture and abrasion resistance while enhancing protection of a kink resistant rubber liner that guarantees reliable flow. Compact design easily stores on racks or reels.



SINGLE/DOUBLE JACKET MINE HOSE



# JACKET HOSE

## FLAME OUT™

### MSHA APPROVED MINE HOSE

| Diameter | Part No.  | Service Test | Proof Test | Burst Test | Bowl Size                         | Weight Uncoupled |
|----------|-----------|--------------|------------|------------|-----------------------------------|------------------|
| 1½"      | SP15-MSHA | 300 psi      | 600 psi    | 900 psi    | 1¾"                               | 0.23 lbs/ft      |
| 2"       | SP20-MSHA | 300 psi      | 600 psi    | 900 psi    | 2¼"                               | 0.33 lbs/ft      |
| 2½"      | SP25-MSHA | 300 psi      | 600 psi    | 900 psi    | 2¾"                               | 0.39 lbs/ft      |
| 1½"      | DP15-MSHA | 400 psi      | 800 psi    | 1200 psi   | 1 <sup>15</sup> / <sub>16</sub> " | 0.38 lbs/ft      |
| 2"       | DP20-MSHA | 400 psi      | 800 psi    | 1200 psi   | 2 <sup>2</sup> / <sub>5</sub> "   | 0.46 lbs/ft      |
| 2½"      | DP25-MSHA | 400 psi      | 800 psi    | 1200 psi   | 3"                                | 0.64 lbs/ft      |

MSHA Approved and Certified Acceptance Number 18-FHA100001

#### Quality

The fire hose assembly supplied under this specification shall be constructed with superior quality and materials. NFPA 1961 standards shall be observed in production of the assembly in order to ensure its quality and durability. Hose furnished under these specifications will have a potential service life warranty of one year, barring mistreatment that would render it unfit for service. Upon delivery, the hose shall be free from defects in materials and workmanship. Any defective hose will be replaced at no charge.

#### Jacket Construction

The single and double jackets will be woven evenly and be free of defects, including knots, lumps or unsightly disfigurements that could jeopardize the integrity of the hose assembly. The warp yarn shall consist of staple polyester yarn. The use of filament or entangled yarn is expressly forbidden due to the lack of inherent abrasion resistance. The filler yarns shall be constructed of high strength, low elongation, filament polyester to reduce weight and increase flexibility.

#### Lining

The lining shall be a single-ply extruded tube of synthetic rubber based material to resist ozone. This special MSHA approved material shall adhere to the jacket by a vulcanization process to prevent delamination and/or hydrolysis. The finished product shall meet and exceed all MSHA specifications and be listed with File #18-FHA080001. This product is designed with self-extinguishing characteristics meeting MSHA standards. Neoprene or other rubber products that give off chlorine or other toxic gasses shall not be acceptable.

#### Couplings

Internal expansion ring threaded couplings or as required by purchaser.

#### Hydrostatic UL Testing

Minimum service test pressure shall pass 300 psi. Minimum acceptance test pressure shall pass 600 psi. Curve and straight burst testing shall be a minimum of 900 psi. All testing in accordance with NFPA 1961 and UL-19 procedures.

#### Finished Hose

Printed letters with the words "Flame-resistant USMSHA 18-FHA08001" must be permanently marked on the product with letters at least ¼" high and at intervals not exceeding 3'. NFPA approved markings shall be stenciled 4' from each end.



Key Hose reserves the right to modify any specification without prior notice to meet or exceed changing standards. For more information please contact a Key Hose authorized distributor. 01/19