

# 5P™

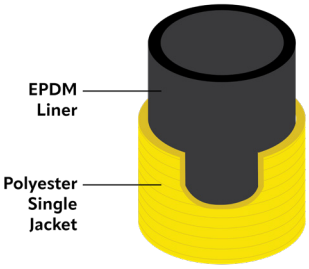
## POLYESTER SINGLE JACKET EPDM RUBBER LINED HOSE

The super-duty 5P™ is an excellent all-around performer: Strong, flexible, and ideally suited for all exterior and interior firefighting applications. It delivers medium pressure and high-end performance at a value price point. 5P™ is a polyester single jacket hose with a rugged Ethylene Propylene Diene Monomer (EPDM) rubber liner that can handle most fluids, including some petrochemicals. It boasts a maximum operating pressure of 250 psi (1723 kPa) and can be enhanced with optional Dura-Cote™ treatment for a higher level of abrasion resistance.

### FEATURES

- Single jacket, polyester, EPDM rubber lined hose.
- Hose remains flexible at temperatures as low as -40°F (-40°C) and is resistant to ozone and oxidation.
- Available with aluminum or brass couplings.
- Designed for the following applications: General industrial and construction use; discharge hose; in-plant fire protection; wash down and maintenance.
- 1½" and 2½" (Red and White) are UL, ULC, and FM certified.
- 1½" and 2½" (Yellow) are ULC/FM certified.




### HOSE COLORS

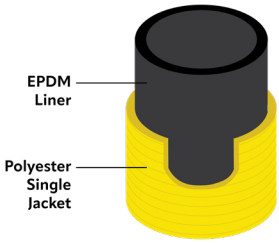
Yellow | Red | White (uncoated)

USA MADE

# 5P™

## POLYESTER SINGLE JACKET EPDM RUBBER LINED HOSE




### HOSE COLORS

Yellow | Red | White (uncoated)

| TECHNICAL DATA & INFORMATION | |
|---|---|
| **Model** | 5P™ |
| **Basic Construction** | Polyester single jacket, EPDM rubber liner. |
| **Application** | Industrial |
| **Colors:** | Yellow, Red, White (uncoated) |
| **Temperature Range** | -40° F - 150° F |
| **Testing Pressures:** | |
| Service | 250 psi |
| Proof | 500 psi |
| Burst | 750 psi |

# 5P™

## POLYESTER SINGLE JACKET EPDM RUBBER LINED HOSE

| TECHNICAL DATA & INFORMATION | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| NOMINAL SIZE | INTERNAL/OUTSIDE DIAMETER | | | | WEIGHT | | | | | |
| | Dry ID | Charged ID at 50 psi | Charged ID at 150 psi | Charged OD at 150 psi | Water Pickup Weight* | Dry (lbs./50′ coupled) | Charged at 50 psi (lbs./50′ coupled) | # of Gallons/50′ | Charged at 150 psi (lbs./50′ coupled) | # of Gallons/50′ |
| 1-1/2″ | 1.68″ | 1.73″ | 1.742″ | 1.87″ | - | 9.5 | - | - | - | - |
| 2-1/2″ | 2.613″ | 2.69″ | 2.690″ | 2.85″ | - | 16.5 | - | - | - | - |

| TECHNICAL DATA & INFORMATION | | | | | |
|---|---|---|---|---|---|
| NOMINAL SIZE | DOORWAY KINK | ABRASION RESISTANCE | PACKABILITY | | |
| | | # of Taber Abrasion Cycles (H-22 wheel) | Flat Width | Edge Thickness | 180° Bend Thickness |
| 1-1/2″ | - | Exceeds UL19 Requirements | 2.59″ | .612″ | 1.327″ |
| 2-1/2″ | - | Exceeds UL19 Requirements | 4.09″ | .844″ | 1.598″ |

# TECHNICAL DATA & INFORMATION

| NOMINAL SIZE | RADIANT HEAT TEST RESULTS | | | | | CONDUCTIVE HEAT TEST RESULTS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Radiant Heat Exposure | Exposure Duration* | Average Leakage Rate at 150 psi | Max Leakage Rate at 150 psi | UL 19 Heat Resistance Type | Conductive Heat Exposure | Exposure Duration* | Average Leakage Rate at 150 psi | Max Leakage Rate at 150 psi | UL 19 Heat Resistance Type |
| 1-1/2″ | 30 kw/m2 | 1 M / 3 S (White)<br>1 M / 35 S (Red) | 5 GPM<br>7 GPM | 11 GPM<br>20 GPM | Type 3 | Steel block at 752°F | 2 Seconds | 12 GPM | 16 GPM | Type 3 |
| 2″ | 30 kw/m2 | Available upon Request | | | - | Steel block at 752°F | Available upon Request | | | - |
| 2-1/2″ | 30 kw/m2 | 1 M / 53 S (White)<br>48 S (Red) | >20 GPM<br>19 GPM | >20 GPM | Type 3 | Steel block at 752°F | 6 Seconds | >20 GPM | >20 GPM | Type 3 |

**The results from the radiant heat test are based on controlled laboratory testing and do not represent actual conditions encountered during firefighting. These results are intended to be used as a baseline for hose comparison purposes only and are not indicative of specific field performance. Several factors can influence hose performance relative to radiant heat, please see Guidance for Lined Fire Hose and Hose Assemblies, UL 19G for further information on these results.*

**The results from the conductive heat test are based on controlled laboratory testing and do not represent actual conditions encountered during firefighting. These results are intended to be used as a baseline for hose comparison purposes only and are not indicative of specific field performance. Several factors can influence hose performance relative to conductive heat, please see Guidance for Lined Fire Hose and Hose Assemblies, UL 19G for further information on these results.*

**1-year warranty.*
**MIL Std 24606 used for water pickup weight.*
**Potable water approved: No*
**Quality Management System Certification: ISO 9001:2015 Registration # 11-R1045*