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Electrofusion Pipework



UPP[®] pipework utilizes the advanced electrofusion welding process to effectively bond system components including pipework and containment together into one, watertight system.

UL UPP[®] pipe is offered in 1½", 2", 3", and 4" diameters and a variety of stick and coil sizes.

EN UPP[®] pipe is offered in 32mm, 50mm, 63mm, 90mm, 110mm, and 160mm diameters and a variety of stick and coil sizes.

HIGHLIGHTS

SPECIFICATIONS

ORDER INFO

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UPP[®] UL-971 Standard Primary Pipe

- Pipe outer layer: High Density Polyethylene (HDPE) grade PE100
- Pipe liner layer: Ethylene vinyl alcohol (EVOH) resin liner
- Pipe intermediate layer: Tie-layer which permanently bonds HDPE outer layer to EVOH resin liner layer
- Temperature rating: -22 °F to 122 °F
- Primary pipe pressure rating: 90 Psi
- Secondary pipe pressure rating: 50 Psi

- 1½" and 2" double wall pipe bend radius: 3'3"
- 3" and 4" double wall pipe bend radius: 13'2"
- 2" single wall vent/vapor pipe bend radius: 3'3"
- 3" single wall vent/vapor pipe bend radius: 9'10"

Fuel Compatibility

- UL-971 approved for fuels including:
 - Motor vehicle fuels typically found in consumer dispensing facilities like gasoline or diesel including blended fuels with maximum 15% MTBE, 15% Methanol or 30% Ethanol.
 - Concentrated fuels such as alternate un-blended fuels containing up to 100% concentrations of Toluene, Methanol or Ethanol.
 - High blend fuels with higher than normal gasoline blends with maximum 50% Methanol or 50% Ethanol.
 - Aviation and marine specialty fuels containing up to 100% kerosene or leaded gasoline.
 - Michigan, Wisconsin, and Florida EQ-816 leaded gasoline

E Fuel

Ethanol Blends Compatibility

- High-blend Ethanol, with ethanol/gasoline blends between 51%-83% (E51-E83) - commercially known as "E-85"

Biodiesel Compatibility

- Biodiesel up to 5% (B5)
- Biodiesel up to 20% (B20)
- Biodiesel at 97% - 100% (B99 / B100)
- All ASTM defined biofuel blends

B.20

UPP® EN14125:2013 Standard Primary Pipe

- Material: PE100 with EVOH resin barrier
- Primary pressure rating (bar/psi): 10/145
- Primary colour: Black with two clusters of four green stripes, clear inner liner
- Temperature rating: Class T1 Rating (EN14125) -40 °C to 50 °C
- Primary vacuum rating (-bar/"Hg): -0.9/-26.6

UPP® EN14125:2013 Standard Fill Pipe

- Material: PE100 with EVOH resin barrier
- Primary pressure rating (bar/psi): 6/87
- Primary colour: Black with two clusters of four green stripes, clear inner liner
- Temperature rating: Class T1 Rating (EN14125) -40 °C to 50 °C

UPP® EN14125:2013 Standard Coaxial (Secondary) Pipe

- Material: PE100 with EVOH resin barrier
- Primary pressure rating (bar/psi): 10/145
- Primary colour: Black with two clusters of four green stripes, clear inner liner
- Secondary colour: Black with six green stripes
- Secondary pressure rating (bar/psi): 5/72
- Temperature rating: Class T1 Rating (EN14125) -40 °C to 50 °C
- Primary vacuum rating (-bar/"Hg): -0.9/-26.6
- Secondary vacuum rating (-bar/"Hg): -0.6/-17.8

UPP® EN14125:2013 Standard Secondary Sleeve

- Material: PE100
- Secondary pressure rating (bar/psi): 5/72
- Primary colour: Black with six green stripes