

Pipe, Fittings and Pipe Joints for Underground Fire Service Mains

Underground fire service mains are made from many different materials. Cast iron, ductile iron, stainless steel pipe, Polyvinyl Chloride (PVC), Polyethylene (PE), and Fiber Reinforced Composite (FRP or Fiberglass) pipe and fittings are acceptable when they are FM Approved.

Installation of these products should conform to FM Global Property Loss Prevention Data Sheets.

Polyvinyl Chloride (PVC) Pipes and Fittings

Pipe manufactured from this thermoplastic material is acceptable when FM Approved. Typical coupling is by push-on, bell and spigot joint with single elastomeric gasket. Fittings may be cast iron or other FM Approved materials.

PVC pipe should be installed and anchored according to the pipe manufacturer's instructions and FM Global Property Loss Prevention Data Sheets. For underground use only.

AWWA C-900 PVC pipe

Product Designation	Nominal Pipe Size, in.	Pressure Rating, psi (kPa)	Remarks
AWWA C900 Pipe DR18 PC 150	4, 6, 8, 10, 12	185 (1275)	a
AWWA C900 Pipe DR14 PC 200	4, 6, 8, 10, 12	250 (1725)	a
AWWA C900 RJIB Pipe DR18 PC150	4, 6, 8, 10, 12	185 (1275)	b
AWWA C900 RJIB Pipe DR14 PC200	4, 6, 8, 10, 12	250 (1725)	b

Remarks:

a. Pipe lengths are joined by single-gasketed bell and spigot joints and can be joined to cast iron valves or fittings having bell or standardized mechanical joint connections.

b. Reinforced Joint Integral Bell (RJIB) pipe lengths are joined by bell and spigot joints with a gasket and restrained through a spline that is inserted in grooves.

Company Name:	North American Pipe Corp
Company Address:	2801 Post Oak Blvd, Suite 300, Houston, Texas 77056, USA
Company Website:	http://northamericanpipe.com
New/Updated Product Listing:	No
Listing Country:	United States of America
Certification Type:	FM Approved
Primary Class of Work:	1612-Pipe & Ftngs, Undg, PVC