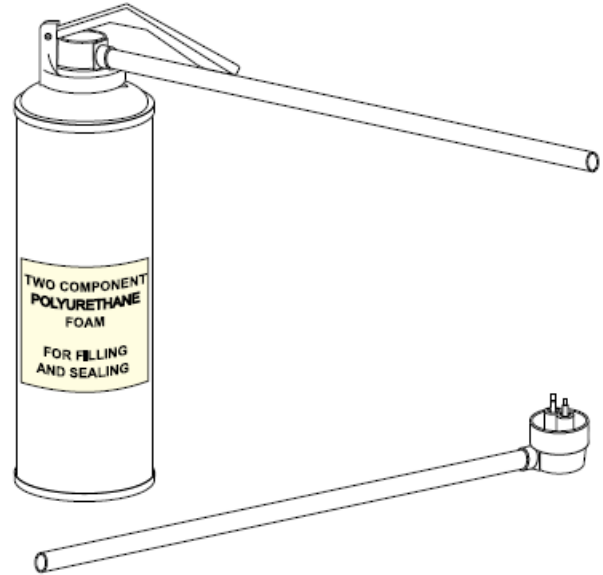


## 1.0 Scope

This specification applies to a two component urethane foam packaged in a single aerosol can. The foam shall be suitable for application without the use of special tools or connections. The District's primary use of this product will be to seal electrical ducts, with and without cables in them, against the passage of water.

## 2.0 Material

The material shall consist of a two part urethane foam containing diphenylmethane 4,4-diisocyanate (MDI) designed for use where water and damp conditions are present. The material shall be compatible with, i.e., shall not damage, steel, fiberglass or PVC conduits and polyethylene or PVC cable insulations. When used as directed by the manufacturer the material shall have the following properties:



Permanent Color	Light hue
Yield	600 cu in/13 fl oz can
Temperature Stability of Cured Foam	-40 °F to +175 °F
Density	1.87 pcf
Cell Structure	Over 80% closed
Compression Strength	8.5 psi
Thermal Insulation	R Factor 8.0/inch
Flammability	Flame spread index: 25 Smoke density: 210 Class I: fire rating construction
Shelf Life	9 months

## 3.0 Application

The foam shall be applied with a rigid plastic actuator nozzle (dispensing tube) mounted to two tapping stems on top of the can which assure that each component is delivered in the proper proportion.