

SECTION 15705

MINI-DUCT HVAC SYSTEM

PART 1 GENERAL

1.1 SUMMARY

- A. Provide a temporary Polyethylene film seal end cap for all high and low velocity HVAC mini-duct openings to prevent contamination of the HVAC ductwork interior prior to start-up of the HVAC system.
- B. On duct sizes 6" in the diameter to 14" in diameter or 16-47 linear inches for square or rectangular ducts, the Polyethylene film seal shall be capable of extending at least 8" beyond the opening of the duct and shall be attached to the duct by means of an elastic band sewn around the circumference of the film seal. The Polyethylene film shall be a minimum of 2 mil (.002") thickness and the elastic band shall be a minimum of 1/4" thick.
- C. On duct sizes 14" in diameter to 38" in diameter or 48-119 linear inches for square or rectangular ducts, the Polyethylene film seal shall be capable of extending at least 12" beyond the opening of the duct and shall be attached to the duct by means of an elastic band sewn around the circumference of the seal. The Polyethylene film shall be a minimum of 2.5 mil (.0025") thickness and the elastic band shall be a minimum of 3/8" thick.

1.2 SUBMITTALS

- A. Polyethylene Material Specifications
- B. Product Data: Manufacturer's published literature on the actual components to be installed.
- C. Shop Drawings: Show duct layouts and locations of air outlets and returns inlets, details of installation of temporary film seals and sizes of openings.

1.3 MANUFACTURERS

- A. Acceptable Manufacturer: Ductcap Products Inc., 2763 Fairway Drive NE, Willmar, MN 56201. Telephone: (320) 212-3226. Fax: (320) 231-9389. E-mail: steve@ductcap.com.

1.4 INSTALLATION

- A. Install in accordance with applicable local codes and manufacturer's instructions.