

SUBMITTAL RECORD _____
JOB _____
LOCATION _____
SUBMITTED TO _____
SUBMITTAL PREPARED BY _____
APPROVED BY _____
DATE _____



Specification Form NPAC40 Portable Adhesive Canister-Clear

DESCRIPTION

Duct liner is typically attached to duct walls by two fastening methods; one with mechanical fasteners and the other with adhesive. Mechanical fasteners are utilized to prevent delamination of the liner while adhesives bond the liner to the metal ensuring that air flow can not intrude between the two materials. The choice of an adhesive is affected by several factors some of which are; the method of application, acceptable dry time, solvent type.

Duro Dyne NPAC40 is a web type, general purpose adhesive that bonds well to a wide variety of substrates, with one side or two side application. It has a quick tack, is flexible and water proof.

FEATURES

- Wide pad nozzle
- Low VOC Organic Compound
- No Methylene Chloride (Dichloromethane)
- High Strength
- Fast Tacking
- WaterProof

TYPICAL PROPERTIES

Color: Clear

VOC: <80 gms./ltr.

Flammability: Flammable per ASTM E-681-041

Effect of Freezing: None

Storage Life: 15 months

Application Temperature: 65° F - 95° F

Maximum Service Temperature: 150° F

Estimated Coverage: 2250-2700 Sq Ft @2.5-3 gm/Sq Ft

Method of Application: Attach spray hose and spray gun then fully open valve on canister. Hold spray gun tip 6 to 10 inches from surface to be covered, always at a 90° angle to surface. Apply even coats. Do not allow it to concentrate or puddle in one area. For best performance, use this product at room temperature.



RELATED SMACNA RECOMMENDATIONS*

7.4 Installation Standards For Rectangular Ducts Using Flexible Liner

S2.3 Each layer of duct liner shall be attached with 90 percent coverage of adhesive at the liner contact surface area.

S2.4 All transversely oriented edges of liner not receiving metal nosing shall be coated with adhesive. Liner shall be neatly butted without gaps at transverse joints and shall be coated with adhesive at such joints before butting.

S2.6 Ducts with interior widths of 8 in. (203 mm) or less do not require mechanical fasteners in addition to adhesive.

**From SMACNA HVAC Duct Construction Standards Metal and Flexible • Third Edition • 2005*

NPAC complies with the South Coast Air Quality Management (SCAQMD) Rule #1168 and VOC (Volatile Organic Compound) standards and thus can be used for **IEQ Credit 4.1: Low Emitting Materials: Adhesives & Sealants** when used for field installation on the building interior and applied on-site.

ITEM#	CODE	DESCRIPTION
5117	NPAC40	Portable Adhesive Canister-Clear

SUGGESTED SPECIFICATIONS

All metal duct shall be lined according to SMACNA HVAC Duct Construction Standards. Each layer of duct liner shall be attached with 90% coverage of adhesive at the liner contact surface area. Adhesive shall be a non-chlorinated solvent based adhesive. Adhesive shall be supplied in a Portable Adhesive Canister-Clear, code NPAC40, as supplied by Duro Dyne Corporation.

For canister disposal instructions, please visit our website at: <http://www.durodyne.com/AdhInsAhes.php>

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