

Product Name and General Description	Volatile Component	Product Application	Color	Coverage	Service Temperature	Clean-up	Specification Met
CP-122 Chil-Grab™ A fast tacking, non-flammable adhesive creating an exceptionally strong bond. Adheres low density fibrous and some plastic foam insulations to galvanized steel and aluminum ductwork. Also adheres vapor barrier facing materials to insulations.	Non-flammable Solvent	Brush Spray	Blue	450 to 600 sq. ft./U.S. gal. (11.0 to 14.7 sq. m/liter)	-30°F to 160°F (-34°C to 71°C)	Xylol or Chlorinated Solvent	U.L. Classified and tested according to ASTM E-84. NFPA Standard 90-A & 90-B. Meets ASTM C-916, Type 2.
CP-124 Chil-Grab™ A fast tacking, flammable adhesive designed for economical spray application. Creates a strong bond. Adheres low density fibrous and some plastic foam insulations to galvanized steel and aluminum ductwork. Also adheres vapor barrier facing materials to insulations.	Solvent	Brush Spray	Red	200 to 400 sq. ft./U.S. gal. (4.9 to 9.8 sq. m/liter)	-20°F to 200°F (-29°C to 93°C)	Xylol or Chlorinated Solvent	U.L. Classified and tested according to ASTM E-84. NFPA Standard 90-A & 90-B. Meets ASTM C-916, Type 4.
CP-125-1 Chil-Line™ An economical water based HVAC adhesive that adheres low density fibrous insulations to underlying metal substrates prior to final securement. Test with plastic foam or expanded rubber insulations prior to using.	Water	Brush Spray Roller Duct Liner Machine	Gray	200 sq. ft./U.S. gal. (4.9 sq. m/liter)	-20°F to 200°F (-29°C to 93°C)	Hot Soapy Water	U.L. Classified and tested according to ASTM E-84. NFPA Standard 90-A & 90-B. Meets ASTM C-916, Type 2.
CP-127 Chil-Quik™ A fast tacking water based emulsion-type adhesive. Creates an exceptionally strong and long lasting bond. Adheres low density fibrous insulations to galvanized steel and aluminum ductwork as well as bonding vapor barrier jacketing and facing materials to fibrous insulations.	Water	Brush Spray Roller Duct Liner Machine	White, Dries Clear	200 to 600 sq. ft./U.S. gal. (4.9 to 14.7 sq. m/liter)	-20°F to 200°F (-29°C to 93°C)	Hot Soapy Water	U.L. Classified and tested according to ASTM E-84. NFPA Standard 90-A & 90-B. Meets ASTM C-916, Type 2.
CP-135 Chil-Spred™ Combination protective coating and lagging adhesive. Protects underlying insulation in areas subject to mechanical abuse. Coats and adheres fabrics, such as canvas and lagging cloths, to air conditioning equipment and ductwork. Also used in joints and edges of fibrous duct liner insulation to help prevent air erosion of the fibers.	Water	Trowel Brush Roller Spray	White & Black	80 to 100 sq. ft./U.S. gal. (2.0 to 2.4 sq m/l) on Fabrics	-20°F to 180°F (-29°C to 83°C)	Hot Soapy Water	NFPA Standard 90-A & 90-B.
CP-140 Chil-Fil™ Economical flammable solvent based duct sealant seals joints and openings in galvanized steel, aluminum, and other metal ductwork. Dries quickly to help maximize production rates. Creates a strong seal.	Solvent	Brush Caulk	Gray	35 sq. ft./U.S. gal. (0.9 sq. m/liter) 125 lineal ft./cartridge- $\frac{1}{8}$ " bead	-10°F to 200°F (-23°C to 93°C)	Mineral Spirits or Chlorinated Solvent	U.L. Classified and tested according to ASTM E-84. NFPA Standard 90-A & 90-B.
CP-145A/146 Chil-Flex™ Waterbased duct sealant seals joints and openings in galvanized steel, aluminum, and other metal ductwork, as well as associated equipment. Sets up quickly, and forms a strong, permanently flexible air-tight seal. Also for sealing Flex ducts to rigid connectors.	Water	Brush Caulk	Gray	50 sq. ft./U.S. gal. (1.2 sq. m/liter) 125 lineal ft./cartridge- $\frac{1}{8}$ " bead	-20°F to 200°F (-29°C to 93°C)	Water	U.L. Classified and tested according to ASTM E-84. NFPA Standard 90-A & 90-B. BS 476 class "O" UL181B-M.
CP-148 Chil-Duct™ A fibrated duct sealant and mastic for use on all HVAC duct systems. Will not drip or sag and dries to a tough, flexible, UV and water resistant air seal. Seals high through low pressure HVAC systems, including metal and flexible duct work and fiberglass duct board. Use also as a duct closure mastic.	Water	Brush Trowel Spray	Gray	50 sq. ft./U.S. gal. (1.2 sq. m/liter)	20°F to 200°F (-7°C to 93°C)	Warm Soapy Water	U.L. Classified and tested according to ASTM E-84. NFPA Standard 90-A & 90-B. BS 476 class "O" UL181B-M.
ComfortSeal™ 181 Used to form an airtight seal on all U.L. 181 listed rigid fiberglass and/or flexible HVAC air ducts. HVAC air ducts must be sealed properly in order to function efficiently. ComfortSeal™ 181 seals air duct seams, joints and terminations to eliminate inefficient and costly air leaks.	Water	Brush	Blue	50 sq. ft./U.S. gal. (1.25 sq. m/liter)	0°F to 265°F (-18°C to 129°C)	Water	U.L. 181-A-M, U.L. 181-B-M ASTM E-84, NFPA Standard 90-A & 90-B. Meets Florida State Energy codes.

Adhesives

Glass Fiber Insulation

Adhering Insulation to Metal Ducts and Equipment

CHIL-GRAB™ CP-122 *Spray*
CHIL-GRIP™ CP-124 *Spray*
CHIL-LINE™ CP-125-1 *Brush/Spray/Roller/Duct Liner Machine*
CHIL-QUIK™ CP-127 *Brush/Spray/Roller/Duct Liner Machine*

Adhering Vapor Barrier Facings and Jacketings to Insulation

CHIL-GRAB™ CP-122 *Spray*
CHIL-GRIP™ CP-124 *Spray*
CHIL-LINE™ CP-125-1 *Brush/Spray/Roller/Duct Liner Machine*
CHIL-QUIK™ CP-127 *Brush/Spray/Roller/Duct Liner Machine*

Polyurethane/Polyisocyanurate/Expanded Rubber Insulations

Adhering Insulation to Metal Ducts and Equipment

CHIL-GRAB™ CP-122 *Spray*
CHIL-GRIP™ CP-124 *Spray*

Adhering Vapor Barrier Facings and Jacketings to Insulation

CHIL-GRAB™ CP-122 *Spray*
CHIL-GRIP™ CP-124 *Spray*

Duct Sealants

Galvanized Steel, Aluminum, and other Metal

Sealing Joints and Small Openings

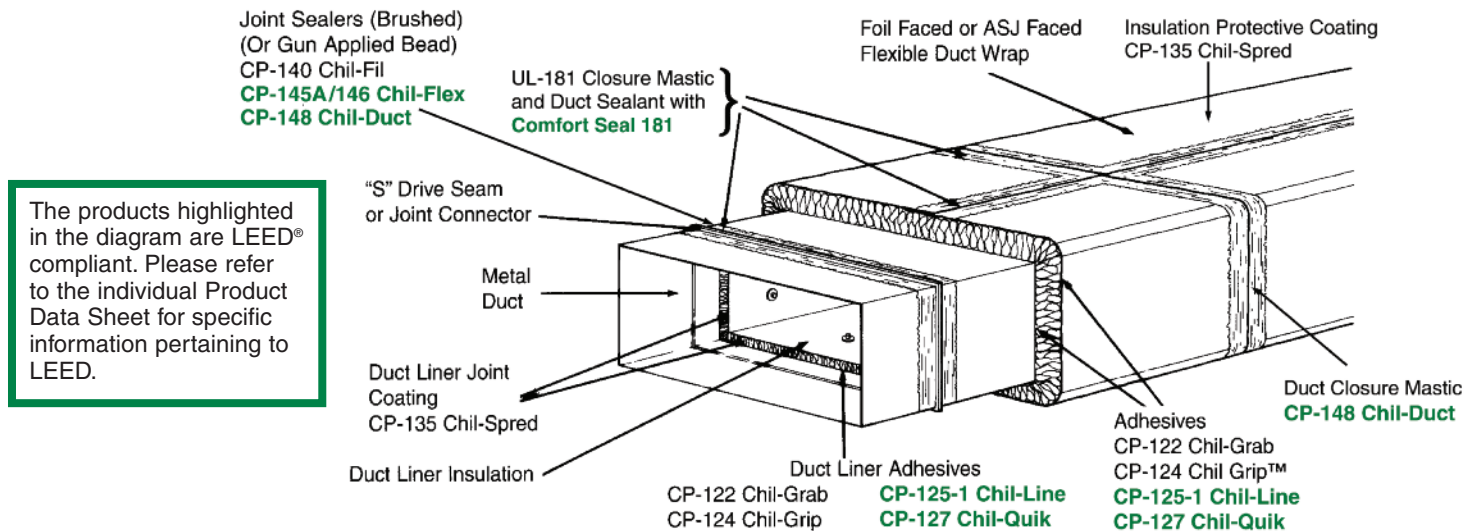
CHIL-FIL™ CP-140 *Brush/Caulk*
CHIL-FLEX™ CP-145A/CP-146 *Brush/Caulk*
CHIL-DUCT™ CP-148 *Brush/Trowel/Spray*

Fiberglass Duct Board

Sealing Joints and Laps of Facings

CHIL-DUCT™ CP-148 *Brush/Trowel/Spray*
COMFORT SEAL™ 181 *Brush*

HVAC Duct System



General Information

1. Recommendations made in this selection and specification guide are general in nature and scope. Please refer to the individual Product Data Sheet for complete product information and recommendations to assure the proper product selection.
2. Adhesive use should be predicated upon the user testing the suitability of the adhesive for the particular insulation and application desired.

IMPORTANT: Specialty Construction Brands, Inc. (SCB) warrants that each of its products will be manufactured in accordance with SCB's specifications in effect on the date of manufacture. SCB MAKES NO OTHER WARRANTIES AND EXPRESSLY DISCLAIMS ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a product fails to meet this limited warranty, purchaser's sole and exclusive remedy is replacement of the product or, at SCB's option, refund of the purchase price. SCB'S ACCEPTANCE OF ANY ORDERS FOR THIS PRODUCT IS EXPRESSLY CONDITIONAL UPON PURCHASERS' ASSENT TO THE TERMS ON THE APPLICABLE INVOICE.

ADEQUATE TESTS: The information contained herein we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be performed by you to determine if this product meets all of your requirements. The warranted shelf life of Childers brand product is six months from date of shipment to the original purchaser.

Specialty Construction Brands, Inc.

1105 South Frontenac Street, Aurora, IL 60504

Phone 800-231-9541 • Fax 800-942-6856

CTIGR1008