

SOLUTIONS FOR ENERGY SAVINGS

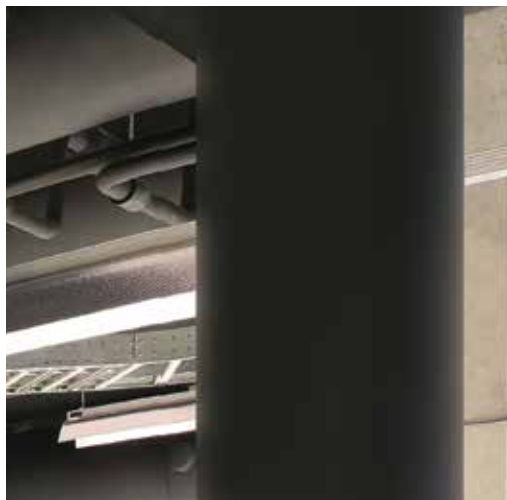
ArmaFlex[®]

520 BLV Adhesive

A black, low VOC air-drying low contact adhesive specifically designed for use with ArmaFlex Insulation Products.

- // Formulated for ArmaFlex Insulations
- // Developed to meet SCAQMD RULE 1168
- // Meets the IAQ emission requirements of CA Section 01350
- // Meets Living Building Challenge requirements
- // Hexane-free, Toulene-free, contact adhesive
- // Proven: no gapping, no tape needed

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 **armacell**[®]
ArmaFlex[®]

TECHNICAL DATA – ArmaFlex® 520 BLV ADHESIVE

Description

A special black, low VOC, air-drying contact adhesive that is required for joining the seams and butt joints of ArmaFlex Pipe and Sheet Insulations as well as adhering ArmaFlex to ducts, tanks, chillers and other equipment / vessels.

Specification Compliance

Meets South Coast Air Quality Management District (SCAQMD) Rule 1168
520 BLV meets the IAQ emission requirements of CA Section 01350
Meets Living Building Challenge and Compliant to Red List

Approvals, Certifications, Compliances

• All Armacell facilities in North America are ISO 9001 certified.

Typical Properties

Specifications	Values
Color	Black
Net Weight	6.9 pounds per gallon (828 g/l)
Composition	Synthetic rubber base with synthetic resins and fillers added; hydrocarbon- and ketone-type solvents.
Volatile Organic Compounds (VOC) Content	Zero V.O.C. g/l calculated SCAQMD 1168 and EPA Method 24
Solids Content	Approximately 30% by weight
Coverage	200 sq ft (18.5 sq meters) per gallon max, single coat (depending upon porosity of materials bonded and air temperature)
Shelf Life	1 year in original sealed container; storage temperature 60°F to 80°F (16°C to 27°C)
Maximum Service Temperature	250°F (120°C) — ArmaFlex Pipe Insulation seams and joints 180°F (82°C) — Full bonding sheet insulation
Minimum Service Temperature ¹	-58° F (-50 °C)
Tack Time	5-10 minutes depending on ambient conditions
Bond Time	5-10 minutes
Full Cure Time	36 hours
Container Sizes	Pint brush-top cans, quarts and gallon containers
Wet Flash Point	Below -4°F (-20°C) (TOC)
Flame Spread and Smoke Developed Index	25/50 rated ASTM E 84

¹ For applications of below -58°F (-50°C), contact Armacell technical team.



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ArmaFlex | 520 BLV Adhesive TDS | 112022 | NA | EN-A | 085

ABOUT ARMACELL

As the inventors of flexible foam for equipment insulation and a leading provider of engineered foams, Armacell develops innovative and safe thermal, acoustic and mechanical solutions that create sustainable value for its customers. Armacell's products significantly contribute to global energy efficiency making a difference around the world every day. With 3,100 employees and 26 production plants in 18 countries, the company operates two main businesses, Advanced Insulation and Engineered Foams. Armacell focuses on insulation materials for technical equipment, high-performance foams for high-tech and lightweight applications and next generation aerogel blanket technology.

For more information, please visit:

www.armacell.us

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