

SOLUTIONS FOR ENERGY SAVINGS

# AP ArmaFlex®

## 520 Black Adhesive

A black, air-drying contact adhesive that is excellent for joining seams and butt joints of ArmaFlex Pipe and Sheet Insulations

- // Formulated for ArmaFlex Insulations
- // Air-drying contact adhesive
- // 520 Adhesive performance
- // Meets MIL-A-24179A and Amend-2

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ArmaFlex®

## TECHNICAL DATA – ArmaFlex® 520 ADHESIVE

### Description

A black, air-drying contact adhesive that is excellent for joining seams and butt joints of ArmaFlex Pipe and Sheet Insulations

### Specification Compliance

MIL-A-24179A

ASTM G21/C1338

### Approvals, Certifications, Compliances

- All Armacell facilities in North America are ISO 9001:2008 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	615 g/l
Solids Content	Approximately 22% by weight
Coverage	200 sq ft (5m <sup>2</sup> /l) per gallon max, single coat (depending upon porosity of materials bonded and air temperature)
Shelf Life	1-1/2 years in original sealed container; storage temperature 60°F to 80°F (16°C to 27°C)
Temperature Limits	250°F (120°C) — ArmaFlex Pipe Insulation seams and joints 180°F (82°C) — Full bonding sheet insulation
Tack Time	1-5 minutes depending on ambient conditions
Bond Time	Immediate
Full Cure Time	36 hours
Container Sizes	Gallon, Quart and Pint Brush Top containers
Wet Flash Point	Below 20°F (-7°C) (TOC)
Flame Spread and Smoke Developed Index	25/50 rated <span style="float: right;">ASTM E 84</span>
Minimum Application Temperature	40°F (4°C)

All data and technical information are based on results achieved under typical application conditions. It is the customer's responsibility to verify if the product is suitable for the intended application. The responsibility for professional and correct installation and compliance with relevant building regulations lies with the customer. By ordering/receiving product you accept the **Armacell General Terms and Conditions of Sale** applicable in the region. Please request a copy if you have not received these.

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ArmaFlex | 520 Black Adhesive TDS | 082018 | NA| EN-A | 084

## 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 3,000 employees and 26 production plants in 17 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](http://www.armacell.us)

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