

**# HEARTLAND
ADHESIVES, INC.**

Where quality, service, & integrity meet



*Providing you with
the highest level
of customer service
in the industry*

HEARTLAND ADHESIVES, INC.

WHERE QUALITY, SERVICE & INTEGRITY MEET

Founded in 2006, Heartland Adhesives, Inc. focuses on providing our valued customers with the highest **QUALITY** products available, excellence in customer **SERVICE**, and does it all with **INTEGRITY**.

Heartland Adhesives is a leading manufacturer of engineering adhesives, supplying high-quality industrial adhesives to customers worldwide.

We offer an extensive range of anaerobic adhesives and sealants (thread lockers, retaining compounds, pipe sealants and gasketing adhesives), cyanoacrylates (instant adhesive) and epoxies amongst others.

Heartland Adhesives provides solutions for the automotive, electronics, OEM industries, fire protection industries, as well as other specialty niche markets.

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QUALITY

SHORT SUPPLY CHAIN RESULTING IN LONGER SHELF LIFE
TIGHTER VISCOSITY RANGES FOR MORE CONSISTENCY
FAST CURE
MADE IN U.S.A.



SERVICE

ON-SITE CONSULTING AND SPECIAL FORMULATIONS AVAILABLE
FAST ORDER PROCESSING
NO MINIMUM ORDERS ON STOCK PRODUCTS
SAMPLES AVAILABLE



INTEGRITY

WE BELIEVE IN DOING WHAT WE SAY WE WILL
WE BELIEVE IN TREATING OUR EMPLOYEES AND CUSTOMERS FAIRLY
WE BELIEVE IN HONESTY IN EVERY BUSINESS TRANSACTION
WE BELIEVE IN DOING WHAT IS RIGHT FOR THE CUSTOMER

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FAS-BOND™ *Cyanoacrylate Adhesives*

This complete range of cyanoacrylate adhesives represents the latest technology ensuring maximum performance-in-use and value. Choose from the wide selection of viscosities, cure speeds and performance properties to meet your specific application.

Need a specialized solution? We will work with you to develop the most innovative and cost effective solution.



ETHYL SERIES

Product	Base	Color	Max Gap Fill	Viscosity	Cure Speed
E5	Ethyl	Clear	0.002	5cps	<5sec/24hours
E5L	Ethyl	Clear	0.002	5cps	<10sec/24hours
E30	Ethyl	Clear	0.003	30cps	<5sec/24hours
E45	Ethyl	Clear	0.004	45cps	<5sec/24hours
E100	Ethyl	Clear	0.006	100cps	<5sec/24hours
E120	Ethyl	Clear	0.006	120cps	<5sec/24hours
E200	Ethyl	Clear	0.006	200cps	<10sec/24hours
E500	Ethyl	Clear	0.007	500cps	<10sec/24hours

ULTRA FAST SETTING SERIES

Product	Base	Color	Max Gap Fill	Viscosity	Cure Speed
FS25	Ethyl	Clear	0.003	25cps	<5sec/24hours
FS120	Ethyl	Clear	0.004	120cps	<10sec/24hours
FS300	Ethyl	Clear	0.006	300cps	<5sec/24hours
FS1000	Ethyl	Clear	0.007	1,000cps	<5sec/24hours

TOUGHENED SERIES

Product	Base	Color	Max Gap Fill	Viscosity	Cure Speed
CT150	Ethyl	Clear	0.002	5cps	<5sec/24hours
CT400	Ethyl	Clear	0.002	5cps	<10sec/24hours
CT4000	Ethyl	Clear	0.003	30cps	<5sec/24hours
BT400	Ethyl	Black	0.004	45cps	<5sec/24hours

LO SERIES (Alkoxy-Ethyl base) for low odor/low blooming

Product	Base	Color	Max Gap Fill	Viscosity	Cure Speed
LO5	Alkoxy-Ethyl	Clear	0.002	5cps	<20sec/24hours
LO100	Alkoxy-Ethyl	Clear	0.005	100cps	<20sec/24hours
LO500	Alkoxy-Ethyl	Clear	0.007	500cps	<20sec/24hours
LO1000	Alkoxy-Ethyl	Clear	0.007	1,000cps	<30sec/24hours

ACCELERATORS, PRIMERS, DEBONDERS

Product	Base	Color	Viscosity	Application
Fas-Tak 2	Acetone	Clear/Amber	3cps	For use with ALL cyanoacrylates
Fas-Tak 3	IPA	Clear	3cps	For use with ALL cyanoacrylates
Fas-Tak 4	Heptane	Clear	3cps	For use with ALL cyanoacrylates
P-Primer 2	Acetone	Clear/Amber	3cps	For use with ALL cyanoacrylates
P-Primer 4	Heptane	Clear/Amber	3cps	For use with ALL cyanoacrylates
CA-Gone	Nitromethane	Clear/Amber	3cps	Adhesive remover

ETHYL SERIES CONT.

Product	Base	Color	Max Gap Fill	Viscosity	Cure Speed
E750	Ethyl	Clear	0.007	750cps	<10sec/24hours
E1500	Ethyl	Clear	0.008	1,500cps	<10sec/24hours
E2400	Ethyl	Clear	0.009	2,400cps	<12sec/24hours
E10000	Ethyl	Clear	0.010	10,000cps	<15sec/24hours
GEL-1	Ethyl	Clear	0.010	100,000cps	<30sec/24hours
GEL-2	Ethyl	Clear	0.009	30,000cps	<20sec/24hours
GEL-3	Ethyl	Clear	0.010	150,000cps	<30sec/24hours

METAL SERIES

Product	Base	Color	Max Gap Fill	Viscosity	Cure Speed
M5	Methyl	Clear	0.002	5cps	<10sec/24hours
M100	Methyl	Clear	0.006	100cps	<15sec/24hours
M500	Methyl	Clear	0.007	500cps	<10sec/24hours
M1500	Methyl	Clear	0.008	1,500cps	<15sec/24hours

TOUGHENED SERIES CONT.

Product	Base	Color	Max Gap Fill	Viscosity	Cure Speed
BT2000	Ethyl	Black	0.007	2,000cps	<15sec/24hours
BT23500	Ethyl	Black	0.008	3,500cps	<20sec/24hours
BT5000	Ethyl	Black	0.009	5,000cps	<20sec/24hours
BTGEL	Ethyl	Black	0.010	8,000cps	<30sec/24hours

FAS-LOK™ Anaerobic Adhesives & Sealants

The ultimate in anaerobic chemistry. Faster curing and higher torque values equal increased productivity and product integrity.

Anaerobic adhesives are available in a wide range of strengths, cure times and viscosities to meet your specific manufacturing needs. These adhesive/sealants use a proven revolutionary method to lock and seal voids between metal parts and as such are commonly used in threadlocking, threadsealing, retaining and gasketing applications. They have found wide acceptance in the market – from delicate electronics to heavy construction.



FAS-LOK THREADLOCKERS

Product	Color	Viscosity	Torque Values	Specific Gravity	Cure Speed	Temperature Range
TL22 Easy removal-small screws under 1/4"	Purple	1,200cps Mil-Spec Mil-S-46163, Type II - Grade M	55/30 ASTM D5363 - ANO311	1.05	5min/8hours	neg 65° F to 300° F
TL40 Medium strength/Primerless	Blue	4,000cps	130/100	1.07	5min/8hours	neg 65° F to 300° F
TL42 Removable grade up to 3/4" bolts	Blue	1,500cps Mil-Spec Mil-S-46163, Type II - Grade N	180/60 ASTM D5363 - ANO321	1.07	5min/8hours	neg 65° F to 300° F
TL42S Removable/Slow cure	Blue	1,500cps	180/60	1.07	40min/8hours	neg 65° F to 300° F
TL43 Oil resistance-Up to 3/4" bolts	Blue	3,000cps	185/100	1.07	10min/24hours	neg 65° F to 300° F
TL62 Permanent locking up to 3/4" bolts	Red	3,500cps Mil-Spec Mil-S-46163, Type II - Grade O	210/140 ASTM D5363 - ANO331	1.05	5min/8hours	neg 65° F to 300° F
TL71 High strength for fasteners up to 1"	Red	500cps Mil-Spec Mil-S-46163, Type I - Grade K	250/320 ASTM D5363 - ANO221	1.05	5min/8hours	neg 65° F to 300° F
TL72 High temperature applications	Red	9,500cps	200/220	1.12	10min/8hours	neg 65° F to 450° F
TL76 High strength/Primerless	Red	3,000cps	220/200	1.12	5min/8hours	neg 65° F to 300° F
TL77 High strength for large bolts up to 1/2" diameter	Red	7,000cps Mil-Spec Mil-S-46163, Type I - Grade L	275/275 ASTM D5363 - ANO211	1.12	30min/24hours	neg 65° F to 300° F
TL90 Wicking grade for pre-assembled parts	Green	12cps Mil-Spec Mil-S-46163, Type III - Grade R	85/250 ASTM D5363 - ANO261	1.08	10min/24hours	neg 65° F to 300° F

FAS-LOK RETAINING COMPOUNDS

Product	Color	Viscosity	Shear Strength	Specific Gravity	Cure Speed	Temperature Range
RC03 For close fitting parts with light contamination	Green	120cps	3875psi	1.05	30min/24hours	neg 65° F to 300° F
RC09 For close fitting parts, rotor on shafts, brushes, pulleys, etc.	Green	125cps Mil-Spec Mil-S-46082, Type I	3125psi ASTM D5363 - ANO411	1.10	10min/24hours	neg 65° F to 300° F
RC20 High shear strength, high temperature resistance	Green	8,400cps	3,875psi	1.14	30min/24hours	neg 65° F to 450° F
RC35 High shear strength, slow cure allows re-alignment	Green	2,100cps	4125psi	1.07	60min/24hours	neg 65° F to 300° F
RC38 High strength for loose fitted parts	Green	2,500cps	4575psi	1.08	5min/24hours	neg 65° F to 300° F
RC80 High strength for slip fitted parts	Green	1,200cps Mil-Spec Mil-S-46082, Type III	4125psi ASTM D5363 - ANO421	1.11	10min/24 hours	neg 65° F to 300° F

FAS-LOK THREAD SEALANTS

Product	Color	Viscosity	Seal to Operating Pressure	Specific Gravity	Temperature Range
PS145 Pneumatic hydraulic sealant, no fillers	Purple	14,000cps	10,000psi	1.20	neg 65° F to 300° F
PS154 High Strength refrigerant sealant	Red	2,500cps	10,000psi	1.02	neg 65° F to 300° F
PS565 General Purpose, Controlled Strength	White	300,000cps	10,000psi	1.10	neg 65° F to 300° F
PS567 Ideal for Stainless Steel	White	540,000cps	10,000psi	1.14	neg 65° F to 400° F
PS177 Ideal for Coarse threads, medium strength	Yellow	24K to 80K T	10,000psi	1.09	neg 65° F to 180° F

FAS-LOK GASKETING COMPOUNDS

Product	Color	Viscosity	Cure State	Cure Speed	Temperature Range
GM10	Red	188K/500K	Rigid	30min	neg 65° F to 400° F
GM15	Purple	275K/950K	Flexible	15min	neg 65° F to 300° F
GM18	Red	800K/3.5Mil	Flexible	30min	neg 65° F to 300° F

FAS-LOK PRIMERS

Product	Color	Viscosity	On-Part Life
Primer T	Amber	2cps	Up to 7 days
Primer N	Clear/Green	2cps	Up to 30 days

HP3400 Series High Performance Epoxies

Our HP3400 Series, High Performance Epoxies are 2-Part Adhesives that bond a variety of substrates. The HP Series product line offers a complete line of 1 and 2 part epoxy adhesives for structural bonding, potting, and encapsulating applications. The HP3400 Series combine excellent bond strength, durability, high temperature resistance, and good resistance to chemicals and unfriendly environmental conditions. These High Performance epoxies are available in a variety of cure speeds, viscosities, strengths and colors.

HP3400 SERIES HIGH PERFORMANCE EPOXIES

Product	Color	Viscosity	Ratio	Work Life	Shear Strength
HP3405 A general purpose, fast setting epoxy that is flowable with a rigid bond.	Clear	12,000cps	1 to 1	4-6min	2,000-4,000psi
HP3405B A general purpose, fast setting epoxy that is flowable with a rigid bond.	Black	12,000cps	1 to 1	4-6min	2,000-4,000psi
HP3405G A general purpose, fast setting epoxy that is flowable with a rigid bond.	Gray	12,000cps	1 to 1	4-6min	2,000-4,000psi
HP3430 A general purpose, medium setting epoxy that is flowable with a rigid bond.	Clear	12,000cps	1 to 1	25-30min	2,000-4,000psi
HP3430B A general purpose, medium setting epoxy that is flowable with a rigid bond.	Black	12,000cps	1 to 1	25-30min	2,000-4,000psi
HP3430G A general purpose, medium setting epoxy that is flowable with a rigid bond.	Gray	12,000cps	1 to 1	25-30min	2,000-4,000psi

/// CUSTOM FORMULATIONS AND PACKAGING AVAILABLE

HP3500 Series High Performance Methacrylates

Our HP3500 Series, High Performance Methacrylates are 2-part adhesives that provide excellent bonding to plastics, fiberglass and metals. These products are engineered for structural bonding of nearly all thermoplastics, metals and composite materials. They offer excellent bond strength and are extremely durable. The HP3500 Series offer excellent bond strength combined with exceptional resistance to varying environmental conditions. These products are widely used in the transportation, marine, industrial and construction markets. A wide range of working/fixture times, viscosities and strengths are available.

HP3500 SERIES HIGH PERFORMANCE METHACRYLATES

Product	Color	Viscosity	Ratio	Work Life	Fixture Time	Shear Strength
300MA High performance with excellent adhesion to wide variety of metal and plastic surfaces.	Straw	40,000-60,000cps	1 to 1	4-6min	12-15min	3,200-3,700psi
310MA High performance with excellent adhesion to wide variety of metal and plastic surfaces.	Straw	40,000-60,000cps	1 to 1	15-18min	30-35min	3,100-3,300psi
330MA High performance with excellent adhesion to wide variety of metal and plastic surfaces.	Straw	40,000-60,000cps	1 to 1	25-30min	60-75min	3,000-3,200psi

/// STANDARD AVAILABILITY IN 50ML AND 400ML CARTRIDGES



CONTACT Series Spray Adhesives

ALL-PURPOSE ADHESIVE

A general purpose spray adhesive that bonds metal, wood, paper, vinyl, rubber, some foams, glass, fabric, carpet, and fiberglass.

HIGH STRENGTH

HIGH SOLIDS

WATER RESISTANT

LOW ODOR

/// Available in aerosol, 5 gallon pail, 55 gallon drum

HAPS FREE ADHESIVE

Free of hazardous air pollutants. Bonds metal, wood, paper, vinyl, rubber, foam, glass, fabric, carpet and fiberglass.

HIGH TEMPERATURE

FOR USE ON AUTOMOTIVE HEADLINERS

WATER RESISTANT

HIGH STRENGTH

/// Available in aerosol, 5 gallon pail, 55 gallon drum

890-351 ACRYLIC BASED

Bonds metal, wood, vinyl, foam, fabric and carpet.

NON-FLAMMABLE

HIGH STRENGTH

WATER RESISTANT

/// Available in 1 gallon pail, 5 gallon pail, 55 gallon drum



MEDAL Series Anti-Seize Compounds

The MEDAL Series Anti-Seize line represents the highest quality products available for protecting machinery and equipment. Whether you are a MRO or OEM, these products offer the ultimate protection and future cost savings. All AS Series products are produced using the highest quality greases. When combined with a higher percentage of metallic particles and graphite, the MEDAL Series Anti-Seize produces an extremely resilient compound that prevents galling, pitting, friction, corrosion and even water wash out.



GOLD MEDAL is a premium anti-seize lubricant designed to perform in extreme service conditions including extreme temperature and high corrosion environments. It withstands temperatures up to 2,600°F. Gold Medal anti-seize is composed of pure colloidal nickel and graphite flakes in a superior petroleum carrier. Gold Medal does not contain any copper, lead or molybdenum disulfide while delivering maximum protection from acids, caustics, chemicals and extreme temperatures.

SILVER MEDAL is a superior grade assembly compound and high pressure lubricant. This aluminum, copper, and graphite based anti-seize formula has unique particles shapes suspended in a special carrier. It protects metal parts under extreme heat, pressure and contaminating conditions to 2,000°F. Silver Medal anti-seize is designed with ultra fine metallic and graphite particles enhancing a longer lasting protective film, resisting washout and burn-off.

BRONZE MEDAL is a top quality anti-seize compound composed of pure copper and graphite in a high heat resistant carrier. It is designed to lubricate and protect threaded connections and flanges at temperatures to 1,800°F

RTV5000 Series Silicone Adhesives/Sealants

RTV Silicone is a multi-purpose, single component adhesive sealant that quickly adheres to most surfaces. It cures in 24 hours providing a tough, durable, silicone rubber. It can be used for gasketing, sealing, bonding, insulating, caulking, encapsulating and coating. This flexible material resists shrinking, cracking, weather, chemicals, moisture, vibration and extreme temperatures ranging from minus 85° to 500°F continuous exposure.

RTV5100 is a multi-purpose acetoxo silicone for use in numerous bonding and sealing applications. Available in various colors and packaging

RTV5200 is a high performance RTV sealant that is low odor and non-corrosive. A better choice for use on vinyl, plastics, masonry and other porous substrates. Available in clear, black, white, and almond.

BRONZE MEDAL is a one-part, high temperature resistant RTV suitable in applications where intermittent temperatures exceed 500°F. Perfect for use in HVAC, sealing oven flanges boilers, automotive applications and in a variety of industrial applications where high heat conditions occur.



Dispensing Equipment & Accessories

Heartland Adhesives offers an extensive line of dispensers, accessories and replacement parts to help with various jobs and applications.

PRESSURE POTS



PEN DISPENSERS & CONTROLLERS



VALVES



TWO PART MANUAL GUNS

DISPENSING NEEDLES



*Solving adhesive problems with
innovative and creative solutions!*



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