



H.B. Fuller



ENGINEERING ADHESIVES

CILBOND® One-Coat Rubber-to-Metal Bonding



CILBOND one-coat rubber-to-metal bonding agents are used in noise, vibration, and harshness (NVH) components that isolate vibration, reduce shock, and improve dynamic fatigue life in a wide variety of industrial bonding applications for excellent long-term performance.

With CILBOND, it is possible to achieve an engineering bond capable of surviving extreme environmental attack from chemicals, temperature variations, dynamic stresses and fatigue. With a product for every compound type and every molding technique—including injection, compression, transfer and even post-vulcanization—the CILBOND 24 and 36 one-coat products provide the rubber industry with the ultimate combination of performance and versatility.

FEATURES

- One-coat solution
- Bonds wide range of elastomers
- Excellent dynamic fatigue resistance
- High pre-bake resistance
- Resistant to chemical attack
- High-temperature resistance
- Contains unique Polymer blend

BENEFITS

- Reduce process cost and improve productivity
- Bonds wide range of common and specialty elastomers
- Outstanding performance in demanding dynamic applications
- Expand pre-bake process window
- Enhanced corrosion protection and chemical resistance
- Improved performance on high-temp applications
- High-performance polymer blend for extended product reliability

APPLICATIONS

- Anti-vibration systems
- Industrial tank lining
- Pipe lining
- Seals and gaskets
- Bridge bearings
- Rollers
- Pump cavities
- Wheels
- Pulleys
- Valves and diaphragms
- Turbo charger hoses
- Belts



100%
Increase in
Productivity



33%
Decrease in
Material Costs



390°
Heat Resistance



CILBOND 24

One-coat rubber-to-metal for general purpose elastomers that offers superior performance versus standard primer/top-coat solutions.

BENEFITS

- Significant process improvements
- Long-term end use performance
- Exceptional corrosion protection
- High-temperature resistance
- Chemical resistance
- Static and dynamic fatigue resistance
- Standard and post-vulcanization bonding

ELASTOMERS

NR	IR	ACM
SBR	ECO	XNBR
CR	CSM	EVM
BR	ACSM	AEM/Vamac

CILBOND 36

One-coat rubber-to-metal for specialty elastomers ideal for demanding and high-performance applications.

- High-temperature resistance
- Corrosion protection
- Chemical resistance
- High dynamic and static performance
- Wide process window
- No premature cure when applied and stored for an extensive time prior to molding

Silicone	FFKM
FKM	ACM
FVMQ	HNBR
VMQ	AEM

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