

# 4060 mFlex™ MD Fluid Elastomer



## Medium durometer, fluid-grade elastomer

Fluid-form, urethane-acrylate epoxy hybrid  
(Isocyanate-free)

MCOR™ 4060 (mFlex™ MD Fluid Elastomer) is a medium durometer, 100% solids, flexible fluid-grade, urethane-acrylate epoxy hybrid sealant with zero-isocyanate. Incorporating a proprietary curing system, this urethane hybrid technology offers the market a safer, durable, more tolerant elastomeric system than older generation polyurethane technologies. This new generation of urethane-acrylate epoxy hybrid sealants undergo similar development of properties to (cold) vulcanizing which will produce higher strengths; in addition, higher moisture tolerance, increased UV resistance, better surface acceptance and adhesion, more stable and longer lasting shelf life without the concern of isocyanates.

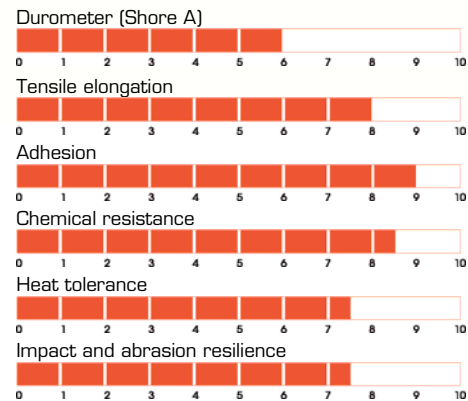
### mFlex™ MD Fluid Elastomer will:

- Fill, form, cast, repair and seal
- Flow in fluid form
- Absorb vibration and sustain adhesion
- Expand and contract

The mFlex™ MD Fluid Elastomer is a two component high performance elastomer specifically designed for repair, fabrication and sealing of industrial movement areas- joints, rubbers, plastics, mating faces, and expansion/contraction areas. Because of its fluid form, it provides a terrific casting-grade elastomer. Its formulation provides extraordinary tolerances to chemicals, wear, abrasion, and degradation while exhibiting elongation, strength and robust industrial-grade sealing.



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*\* MCOR rating system for cross-comparison of similar products within same MCOR Series and to other similar products.*



### mFlex™ MD Fluid Elastomer applications include:

- Machinery and equipment seals
- Casting and fabricating rubber components
- Flexible molds
- Pumps and diaphragms
- Joint and expansion sealant
- Flexible adhesive and rubber repair
- Anti-vibration and shock mitigation
- Flexible rubberized lining and coating
- Impact cushioning



# 4060

## mFlex™ MD Fluid Elastomer



### mFlex™ MD Fluid Elastomer features:

- Isocyanate-free, no VOCs
- Excellent UV resistance
- Terrific adhesion
- Leveling and excellent flow characteristics
- 100% solids
- 300% elongation
- Abrasion and wear tolerance
- Excellent chemical resistance
- Terrific impact and vibration tolerances

For more information, please contact your local MCOR™ consultant

## MCOR™ 4060

### mFlex™ MD Fluid Elastomer is:

#### FLEXIBLE

mFlex™ MD Fluid Elastomer is an advanced urethane-acrylate epoxy hybrid, once cured, the material is categorized as a hybrid flexible elastomer. Exhibiting strong tensile elongation; this high strength flexible elastomer will perform for expansion, elongation, contraction, sealing, impact, and for shock/vibration.

#### FLUID & FLOWING & FORMING

mFlex™ MD Fluid Elastomer is a two-component polymer liquid. Its viscosity allows the material to flow and form into small cracks and crevasses. In addition, this leveling trait makes it a terrific candidate for casting, forming, and molding. Once cured, it provides a high strength fabricated rubberizing for rapid manufacture of parts or repair.

#### DURABLE & SUSTAINABLE

mFlex™ MD Fluid Elastomer through an advanced crosslinking system similar to [cold] vulcanizing; a chemical process for converting polymers into more durable materials by the addition of elements, curatives, and other proprietary ingredients produces high strengths. Formulated for sealing and resisting industrial attack of chemicals, corrosives, abrasion and wear. These additives modify the polymer by forming cross-links (bridges) between individual polymer chains. The material is also designed to tolerate weathering elements, UV, and other degradation or constants.

#### ABOUT MCOR

The MCOR product line, trademark and brand are managed and manufactured by Epoxytec Intl Inc. Epoxytec Intl Inc. is a manufacturer of industry specific product lines to combat corrosion by restoring and protecting physical infrastructure worldwide. These product lines are supplied through a portfolio of distinct brands in order to solve corrosion issues of each industry worldwide. For more information regarding both, please visit [mcor.net](http://mcor.net) and [epoxytec.com](http://epoxytec.com) respectfully.

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