

4170 mFlex™ MD Vertical Elastomer



Medium durometer, paste-grade elastomer

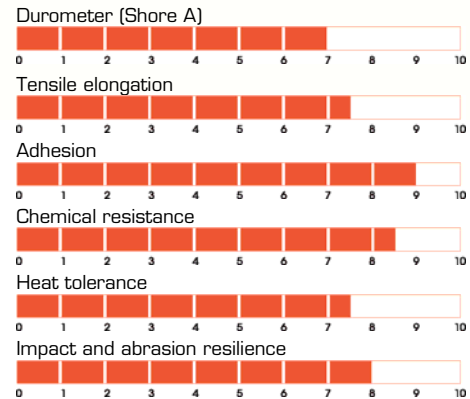
Thixotropic, urethane-acrylate epoxy hybrid
(Isocyanate-free)

MCOR™ 4170 (mFlex™ MD Vertical Elastomer) is a medium durometer, 100% solids, flexible paste-grade urethane-acrylate epoxy hybrid sealant with zero-isocyanate. Integrating a proprietary curing system, this urethane hybrid technology offers the market a safer, extra 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 Vertical Elastomer will:

- Provide vertical and overhead sealing capability
- Absorb vibration and sustain adhesion
- Expand and contract

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



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



mFlex™ MD Vertical Elastomer applications include:

- Machinery and equipment seals
- Vertical/overhead expansion joints
- Ring and pipe seals and joints
- Flexible adhesive and rubber repair
- Anti-vibration and shock mitigation
- High build rubberized liner/coating
- Impact cushioning



3000 N 29 CT, Hollywood, FL 33020
mcor.net | T: 888.961.MCOR (6267) F: 954.961.2395



4170

mFlex™ MD Vertical Elastomer



mFlex™ MD Vertical Elastomer features:

- Isocyanate-free, no VOCs
- Vertical and overhead
- Excellent UV resistance
- Terrific adhesion
- 100% solids
- 200% elongation
- Abrasion and wear tolerance
- Excellent chemical resistance
- Terrific impact and vibration tolerances

For more information, please contact your local MCOR™ consultant

MCOR™ 4170

mFlex™ MD Vertical Elastomer is:

FLEXIBLE

mFlex™ MD Vertical 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, flexible sealing, impact, and for shock and vibration requirements.

VERTICAL + OVERHEAD

mFlex™ MD Vertical Elastomer is a two-component paste-grade polymer. Specifically formulated to be hand-applied or squeezed through caulking/sausage packs. In addition, this paste-grade trait makes it a terrific candidate for high build rubberized coating/lining requirements or padding needs. Once cured, it becomes a durable elastomer for high build needs.

DURABLE + SUSTAINABLE

mFlex™ MD Vertical 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 and epoxytec.com respectfully.

Copyright© 2016 by MCOR, division of Epoxytec Intl Inc. MCOR is a trademark and brand of Epoxytec Intl Inc. No part of this work shall be copied or reproduced, including photocopying without written permission from Epoxytec Intl Inc.



3000 N 29 CT, Hollywood, FL 33020
mcor.net | T: 888.961.MCOR (6267) F: 954.961.2395

