

FIRE STOPPING SOLUTIONS

From

metacaulk - USA



2601 SPENWICK DRIVE, HOUSTON, TX 77055

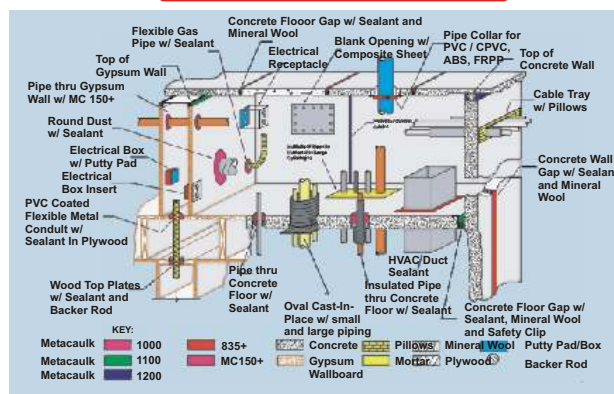
PHONE: 713-263-8001 / 800-231-3345

FAX: 713-263-7577 / 800-441-0051

www.metacaulk.com

WWW.RECTORSEAL.COM

Product Applications



METACAULK® 1000 Intumescent Firestop Sealant

Metacaulk® 1000 is a water-based, flexible, highly intumescent sealant designed for use on metal, insulated, fiberglass and plastic pipes. It can also be used for top of the wall construction joints, as well as power and telephone cables. STC rating 54, Tested in a UL 411 wall assembly/section to ASTM E90.



Metacaulk® 1000 will prevent the spread of flames, smoke, hot gases and water through joint openings and through-penetrations. No dilution or mixing is required for use. No special skills are necessary for installation. Metacaulk® 1000 has passed ASTM E 1966/UL 2079 for top of the wall applications with or without backing and as little as 1/4 inch depth of caulk. The test assembly was also subjected to 500 cycles on a specially built machine that successfully demonstrated the product's durability and movement characteristics.



- UL Classified systems up to 4 hours
- Meets ASTM E 814, UL 1479 & UL 2079 Standards
- Excellent Freeze-Thaw
- Non-sagging, non-toxic, no VOC's
- Flexible Set

- Economical
- Highly Intumescent
- For interior use - Paintable
- Available in cartridges & pails.

Metacaulk® 350i Intumescent Firestop Sealant



Metacaulk® 350i is a one-component, general purpose fire-rated sealant and smoke seal for construction joints and through-penetrations. Metacaulk® 350i is an intumescent, water-based non-sag caulking grade sealant that is easy to apply and great for retrofits. It cures to an elastomeric seal that is suitable where dynamic movement is expected. STC rating 53, Tested in a UL 411 wall Assembly / section to ASTM E90

- Meets ASTM E 814 (UL 1479) & ASTM E 1966 (UL 2079) Standards
- Highly Intumescent
- Non-sagging, non-toxic, no VOC's
- Excellent Freeze-Thaw
- Sound Rated

Metacaulk® MC 150+ Firestop Sealant

Metacaulk® MC 150+ is a one-component, general purpose, fire-rated sealant and smoke seal for construction joints and Through-penetrations. A water-based, non-sag caulking grade sealant that is easy to apply as well as to retrofit. An economic choice for most common applications. STC rating 51, Tested in a UL 411 wall assembly/section To ASTM E90.



- Economical
- Water-Based - VOC compliant
- Flexible Set
- Paintable
- Bonds Quickly
- Safe & easy to use

Metacaulk® 950 is a water-based sealant



Metacaulk® 950 is a water-based sealant designed for interior use and can be used on metal pipe, such as steel, EMT, copper and aluminum. May also be used on glass pipe, as well as telephone and power cables. Suitable for use with PVC and CPVC plastic pipe on closed (pressure) systems and on some insulated pipes.

Metacaulk® 950 is formulated with inorganic materials, which will not create smoke or toxic gases when exposed to fire. For interior applications only, it can not be used in areas where there is continuous vibration on the through penetration opening or where wet conditions exist or may occur.

- Economical
- Water-Based
- VOC compliant
- Non-sagging
- Forms a hard char

Metacaulk® 835+ firestop Silicone Sealant



Metacaulk® 835+ is for applications that require a silicone-based firestop. Designed for use with PVC pipe on closed (pressure) systems, EMT, insulated and uninsulated steel pipe, construction and control joints and interior expansion joints. Flexible, non sag and low odor sealant for exterior or interior use. Used in systems where Dynamic movement is expected. STC rating 55, Tested in a UL 411 wall assembly/section to ASTM E90.

- Elastomeric
- Exterior / Interior Use
- Non-sagging
- May be used where dynamic movement is expected
- Water Resistant

Metacaulk® 1200 Sprayable Firestop Mastic



Metacaulk® 1200, available in three consistencies, is a single-component, general purpose, fire-rated sealant for construction joints, such as: top of the wall, curtain wall perimeter, expansion, control, etc. Can also be used for general construction gaps and voids.



- UL Classified systems up to 3 hours
- Meets UL 2079 standards & cycling requirements of ASTM E 1966 (500 cycles)
- Remains flexible
- Can be applied by spray, trowel or brush
- Economical
- VOC compliant

Metacaulk® 1200 is a water-based sealant designed for spray application. It horizontal applications and Caulk Grade is a non-sag sealant that is easy to apply. Metacaulk® 1200 is also an excellent, fire-rated acoustical sealant. It cures to an elastomeric seal suitable for use where dynamic movement is expected. STC rating 50, Tested in a UL 411 wall assembly/section to ASTM E90.

Metacaulk® 1100 Intumescent Firestop Mastic



Metacaulk® 1100 is a water-based intumescent firestopping sealant/mastic and smoke seal designed for spray application that can also be brushed or Troweled into construction joints, such as at top of the wall, curtain wall perimeter, and general construction gaps and voids. STC rating 54, Tested in a UL 411 wall Assembly/section to ASTM E90.

- UL Classified systems up to 4 hours
- Meets ASTM E 814 & ASTM E 1966 (UL 2079) Standards
- Remains flexible
- Can be applied by spray, trowel or brush
- Economical
- Paintable

Metacaulk® Pipe Collars



Metacaulk® Pipe Collars are prefabricated firestop systems for through penetrations using PVC, CPVC, ABS, PVC foam core, ABS foam core, FRPP, PEX pipe and electrical cable. UL classified for both open and closed pipe systems. METACALK® Intumescent Pipe Collars Metacaulk®

Pipe Collars feature an easy locking mechanism that assures simple installation. The collar's design greatly reduces the time and expense required to install competitive collars.

- 25% reduction of installation time
- Simple locking mechanism for easy installation
- Highly Intumescent
- Economical - Most systems do not require backfill
- No measurement of material
- Fits in limited access areas

Metacaulk® Cast-In-Place

Metacaulk® Cast-In-Place Extensions extend Cast-In-Place devices from a height of 8" to 14". Simply place extension over device, push firmly until seated and pull cable ties to tighten. May be cut to desired height.

- Easy to install
- Eliminates core drilling
- Saves on labor costs
- Highly Intumescent
- No Measurement of Material



Metacaulk® Cast-In-Place firestop devices are designed for use in poured concrete Floors to form a through-penetration fire stop system. These devices are installed prior to pouring concrete. They provide a fire stopped opening which allows a variety of materials to pass through, such as plastic, metal and insulated pipes, as well as cable and wire bundles. Each sleeve comes complete with a cap and integrated rubber membrane. A unique oval design allows three penetrations through a single hole. Can be used for hot, cold and drain pipes in one opening. Accommodates a variety of pipe diameters

Metacaulk® Fire-Rated Putty Sticks & Pads

Metacaulk® Putty Sticks are used to seal around penetrating items through Fire-rated walls, floors and within blank openings. For use with electrical cables, conduit and metal pipes. Hand moldable with no curing time required. Will not dry out and can be re-used as additional penetrating items are removed or Installed



Metacaulk® Putty Pads are used to maintain the hourly rating of fire-rated walls containing electrical outlet boxes and to reduce sound transmission. Only one pad thickness (1/8 inch) is required for a 1 or 2 hour fire rating. No additional putty material needed to plug the end of each electrical metallic tube or conduit at its connection to the box. Hand moldable with no curing time required. STC rating 49, Tested in a UL 411 wall assembly/section to ASTM E90.



- Easy to Install/Applied by Hand
- No Asbestos Fillers
- No Mixing
- Adheres to all common building surfaces penetrating items are removed or installed.

Metacaulk® Box Guard™

Metacaulk® Box Guard™ is a highly intumescent, fire-rated pad for use in electrical boxes. When complying with the "24 inch rule", it is inserted on the inside back wall of an electrical Box. When exposed to fire, BoxGuard™ will expand forming a char that will seal off the opening and prevent the spread of flames and limit the temperature rise on the unexposed surfaces. A labor saving, economical alternative to putty pads. Great for retrofit jobs. STC 53 Rating, Tested in a U1411 wall assembly / section to ASTM E90.

- Easy to install w/ Self-adhesive strip
- Cost effective • Non-conductive
- UL Classified as a Wall Opening Protective Material
- Highly intumescent
- Dielectric breakdown voltage 22V/mil (ASTM D 149)

Metacaulk® Cover Guard™

Metacaulk® Cover Guard™ is a single component, fire-rated gasket for use with electrical boxes to comply with the "24 inch



rule". Metacaulk® Cover Guard™ is under the cover plate and does not take up volume in the electrical box. It is a labor saving replacement for putty pads in normal applications. STC 54 rating, Tested in a UL 411 wall assembly / section to ASTM E90. Patent Pending.

- Easy to install - Cost effective
- Great for retrofit applications • Reduces sound transmission
- UL Classified as a Wall Opening Protective Material



Metacaulk® Bixi Stix™

Metacaulk® Bixi Stix™ is a Flexible, highly intumescent Firestop material specially designed for use in the telecommunication industry. It forms a highly insulating char under fire conditions to prevent the passage of flame, smoke and hot gases. Patent Pending.

- Excellent for both new & retrofit constructions
- Lowest cost method for fire stopping large openings
- Ideal for openings in concrete floors with kick box installed On the top of the floor



Metacaulk® Fire stop Pillows

Metacaulk® Fire stop Pillows are intumescent and designed for use primarily in large temporary or frequently accessed openings with cables, cable trays, blank openings or multiple penetrating items. In the event of a fire, Metacaulk® Fire stop Pillows will prevent the spread of flames and hot gases through the openings.



- UL Classified systems up to 4 hours
- Easy to install / No tools required
- Cost effective • Reusable • Forms a very strong char
- No wire mesh required in most installations
- Two sizes

Metacaulk® Fire-Rated Mortar

Metacaulk® Fire-Rated Mortar has load bearing characteristics and is suitable for economically fire stopping large openings for through-penetrations in fire-rated walls and floors. It can be used with power cables, fiber optic or telephone Cables, aluminum or steel cable trays, EMT, copper, steel or cast iron pipe.



- Tested in accordance with ASTM E 814 (UL 1479) for up to 4 hour rating with only 4 1/2" thickness.
- Easy to use: mix into water, then pour, trowel or pump in place
- High yield per pound
- Cost savings in labor & material for medium to large openings when compared with products such as composite sheets

Metacaulk® Wrap Strip

Metacaulk® Wrap Strip is a flexible strip of highly intumescent fire stop material used primarily for plastic and insulated pipe applications. When exposed to heat, it expands and forms a strong char to seal off the penetration and prevent the passage of flames and hot gases. Easy to apply simply wrap required number of strips around penetrating item and push into annular space. May also be used with an universal collar.

- No fire stop caulk required
- Simple & Easy
- Single sided application
- Saves labor & materials

Metacaulk® Joint Strip

Metacaulk® Joint Strip is a flexible, highly intumescent fire stop material used in concrete and masonry floor and wall joints up to 1" wide. It forms a strong insulating char that prevents the passage of flame, smoke and hot gases between



joints. Metacaulk® Joint Strip is ideal for stadium construction, tilt up panels, curtain wall panels and all concrete and masonry wall and floor construction joint applications where a fire-rated joint is required. • 25% reduction of installation time

- 25% reduction of installation time
- Easy to apply
- Systems up to 14" PVC
- Easy dispensing carton
- No cure time

Metacaulk® Composite Sheet

Metacaulk® Composite Sheet is a rigid, fire resistive panel used to seal Penetrations and restore the fire-rating to floors, ceilings or walls in which a large opening has been made for the passage of penetrating items. It is made of a reinforced, highly intumescent material which is bonded on one side to a galvanized steel sheet.

- Light weight & Easy to install
- Thinner sheet cuts & bends with standard sheet metal hand tools
- Systems rated to 4 hours • Saves time & money
- Sheets come 36" x 36" x 0.2"



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