



Inhibit[®]



Inhibit[®]

Contains a special flame-retardant compound that offers you superior performance and durability compared to topical treatments.





Inhibit®

Inhibits the spread of flames

POTENTIAL BENEFITS:

- Utilizes proven phosphorous based, non-halogenated FR chemistry
- Superior performance and durability versus topically-treated fabrics
- Combines well with other proprietary additives or finishes for additional benefits

AVAILABLE:

- Extensive product offering, including **Inhibit®**, **Inhibit® Max**, **REPVE® FR**, **REPVE® FR Max**
- POY, Flat and DTY polyester filament yarns
- Polyester filament available globally
- **Inhibit®** & **Inhibit® Max** are produced by Unifi Manufacturing, Inc. (UMI) Both UMI and UTSC produce **REPVE® FR**

HOW **inhibit®** WORKS:



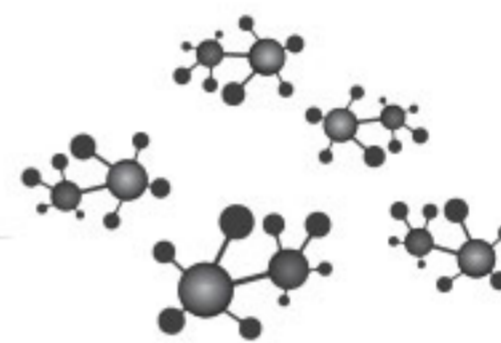
SOLID MATERIAL

... such as a polymer consisting of long-scale molecules are heated



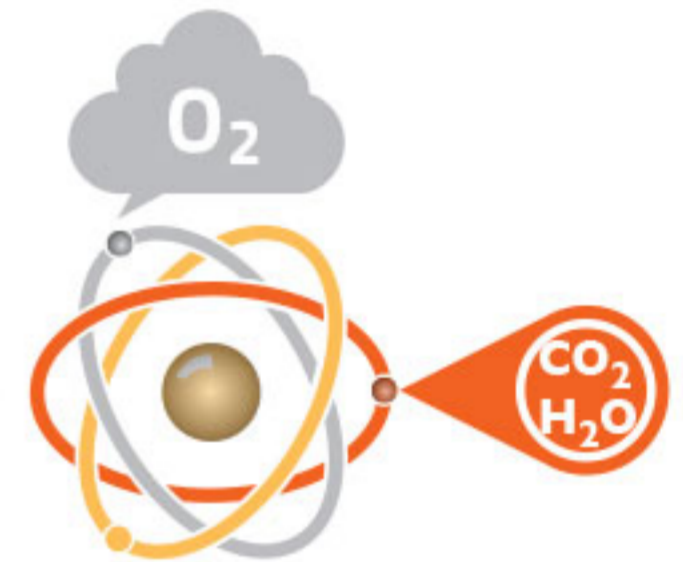
HEAT

... causes temperatures to rise to polymer decomposition point



FLAMMABLE GASES

... released as reaction breaks down polymer into short-chain and smaller molecules



RELEASED GASES

... mix with oxygen in air encouraging further reaction, combustion, and decomposition until material consumes itself

END USES:



Automotive



Bedding



Furnishings



Military



Outdoors

- NFPA 701-2004
- IMO A.652 (16)8.2&3
- Cal 117E CFR 1610
- BFD 9-1
- FMVSS 302
- IMO A.688 (17)5.1&2
- ATSM E84

Fabric construction, finishing and processing have a significant impact on the final product's ability to pass tests.

For additional information, please contact your Unifi representative or email us at: marketing@unifi.com
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**CONFIDENCE
IN TEXTILES**

Tested for harmful substances according to Oeko-Tex® Standard 100

DISCLAIMER: Fabric construction, finishing, and processing have a significant impact on the ability of a final product to pass tests. All fibers sold as Inhibit flame resistant or retardant (FR) are warranted only to contain no less than 2,000 parts per million phosphorous (with respect to REPVE® FR and INHIBIT® fiber) or 5,000 parts per million phosphorous (with respect to REPVE® FR Max and Inhibit Max fiber). EXPECT FOR THE FOREGOING PHOSPHOROUS CONCENTRATION WARRANTY. UNIFI MAKES NO REPRESENTATIONS, WARRANTIES OR CLAIMS OF ANY KIND, EXPRESS OR IMPLIED, REGARDING ANY INHIBIT OR OTHER FR FIBER, INCLUDING, WITHOUT LIMITATION, ANY REPRESENTATIONS, WARRANTIES OR CLAIMS REGARDING THE FLAME RETARDANCY OR FLAME RESISTANCE OF ANY SUCH FIBER BASED UPON ANY PERFORMANCE STANDARD. THE SUITABILITY OF THE FIBER FOR ANY PARTICULAR PURPOSE OR THE COMPLIANCE OF ANY SUCH FIBER OR FINISHED GOOD PRODUCED THEREFROM WITH ANY ENVIRONMENTAL, HEALTH, CONSUMER SAFETY OR OTHER LEGAL, REGULATORY OR INDUSTRY REQUIREMENT OR STANDARD, ALL OF WHICH SUCH REPRESENTATIONS, WARRANTIES OR CLAIMS ARE EXPRESSLY DISCLAIMED. It is the purchaser's sole responsibility to determine performance and composition of its applications of any Inhibit or other FR fibers. All purchasers of Inhibit or other FR fibers must sign a Unifi Disclaimer and Acknowledgement form before purchasing any such fibers.

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