# FLAMETEC

The **VYCOM FLAMETEC®** family of proprietary fire safe materials are specially formulated to meet or exceed the flammability compliances for polymers in semiconductor and cleanroom applications for **tools and other equipment, wet benches, cabinetry, and furniture.** Our materials offer superior chemical resistance while providing optimal physical properties for fabrication, forming, and workability.

# FLAMETEC® CLEANROOM PVC-C
## (FM 4910 LISTED)

**FLAMETEC® Cleanroom PVC-C sheet material is designed to be the most economical choice in FM 4910 materials for use in construction of wet benches, process tools, and cleanroom furniture and cabinetry.**

## Top Applications:

- Wet Process Equipment
- Chemical Delivery Systems
- Cleanroom Cabinetry, Furniture, & Accessories
- Quartz Cleaners
- Chemical Drum Cabinets

## Key Material Benefits:

- Economical
- Easy to Fabricate
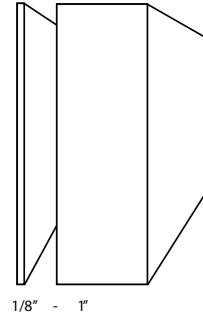- Good Formability
- Flame Retardant Properties

## Competitive Advantages
### (vs. similar materials):

- Plasticizer Free
- True CPVC Material
- Range of Thicknesses

## Compliances:

- RoHS Compliant
- REACH Compliant
- FM 4910 Listed (1/4"-1" only)
- Meets UL 94 5VA Testing Criteria

1/8" - 1"

| COLORS | WHITE |
|---|---|
| THICKNESSES | 1/8" – 1" |
| FINISH | SMOOTH |

Standard sheet sizes in most formulations are 4'x8'.
Custom colors and sizes available upon request.

# FLAMETEC® THERMAX XL PVC
## (FM 4910 LISTED)

**FLAMETEC® Thermax XL PVC is designed to meet FM 4910 fire propagation and smoke damage criteria for use in cleanroom equipment materials such as wet benches, process tools, furniture and cabinetry.** Thermax XL provides a PVC solution with high workability characteristics and superior aesthetics.

## Top Applications:

- Wet Process Equipment
- Furniture & Cabinetry for Cleanroom Environments
- Cleanroom Carts
- Chemical Delivery Systems
- Fume Hoods

## Key Material Benefits:

- High Performance
- Easy to Fabricate & Weld
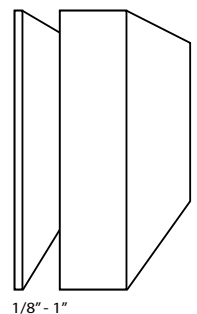- VYCOM-supplied Rod Uses Same Formulation as Sheet

## Competitive Advantages
### (vs. similar materials):

- Optimal Bright White Color
- Exceptional Glossy Finish

## Compliances:

- FM 4910 Listed (1/4"-2" Only)
- RoHS Compliant
- REACH Compliant
- Meets UL 94 5VA & V-0 Testing Criteria

1/8" - 1"

| COLORS | WHITE |
|---|---|
| THICKNESSES | 1/8" – 1" |
| FINISH | SMOOTH |

Standard sheet size is 4'x8'.
Select 4'x10' and 5'x10' stock options may also be available.
Factory Mutual FM 4910 Listed (1/4" – 2")
Custom sizes available upon request.
Weld Rod: 1/8", 5/32" round coil; 0.175" Tri coil

# FLAMETEC® CP-5 FLAME RETARDANT POLYPROPYLENE (UL 94 V-0)

**FLAMETEC® CP-5 is formulated for fire safety in cleanroom applications.** It provides a more competitive alternative when a factory mutual listing is not required.

## Top Applications:

- Laminar Air Flow Stations
- Biological Safety Cabinets
- Cleanroom Accessories
- Fume Hoods

## Key Material Benefits:

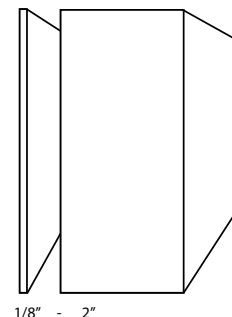- Flame Retardant Properties
- Bright White Color
- High Gloss Surface

## Competitive Advantages
### (vs. similar materials):

- Superior Impact Strength
- Various Thicknesses
- Consistency in Formulation
- Oversized Sheets

## Compliances:

- Meets UL 94 V-0 Testing Criteria
- REACH Compliant

1/8" - 2"

| COLORS | WHITE |
|---|---|
| THICKNESSES | 1/8" – 2" |
| FINISH | SMOOTH |

Standard sheet sizes in most formulations are 4' x 8'.
Custom colors and sizes available upon request.

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# FLAMETEC® CP-7D FLAME RETARDANT POLYPROPYLENE (FM 4910 LISTED)

**FLAMETEC® CP-7D is our proprietary formulation of flame retardant polypropylene is designed for wet process tools, furniture, and cabinetry construction for the semiconductor industry.**

## Top Applications:

- Wet Process Equipment
- Cleanroom Accessories
- Cleanroom Furniture
- Fume and Exhaust hoods

## Key Material Benefits:

- Superior Surface Aesthetics
- High Gloss Finish
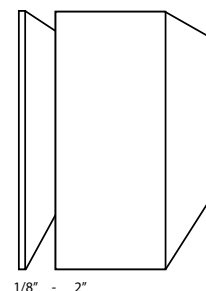- Bright White Color
- Easy to Fabricate

## Competitive Advantages
### (vs. similar materials):

- The Original Commercially Available FM Listed PP Material
- Consistent Formulation (20+ Years)
- Complete Range of Thicknesses
- Proprietary Formulation

## Compliances:

- RoHS Compliant
- REACH Compliant
- Meets UL 94 V-0 Testing Criteria
- FM 4910 Listed (1/4"-2" only)

1/8" - 2"

| COLORS | WHITE |
|---|---|
| THICKNESSES | 1/8" – 2" |
| FINISH | SMOOTH |

Standard sheet sizes in most formulations are 4' x 8'.
Custom colors and sizes available upon request.

FLAMETEC® CP-5 FLAME RETARDANT POLYPROPYLENE

FLAMETEC® CLEANROOM PVC-C

FLAMETEC® THERMAX PVC

FLAMETEC® CP-5 FLAME RETARDANT POLYPROPYLENE

FLAMETEC® CP-7D FLAME RETARDANT POLYPROPYLENE

LEARN ABOUT VYCOM'S PORTFOLIO AT:
**WWW.VYCOMPLASTICS.COM**

# VYCOM®

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