FLAMETEC

VYCOM

Vycom's 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
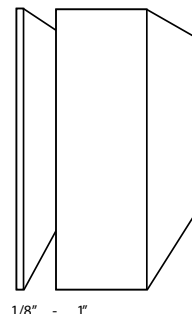• Good Formability
• Flame Retardant Properties

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

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

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

1/8" - 1"

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
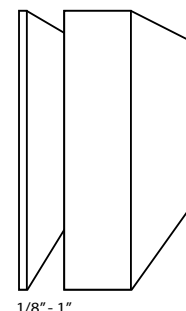• Vycom-supplied Rod Uses Same Formulation as Sheet

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

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

1/8" - 1"

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

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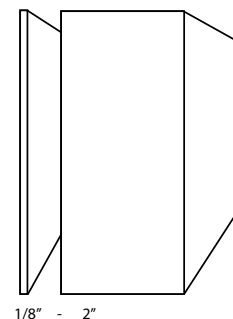- Flame Retardant Properties
- Bright White Color
- High Gloss Surface

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.

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
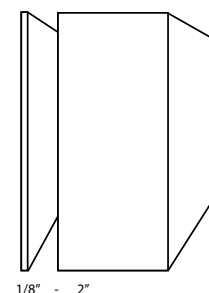- Bright White Color
- Easy to Fabricate

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® CLEANROOM PVC-C

FLAMETEC® CP-5 FLAME
RETARDANT POLYPROPYLENE

FLAMETEC® THERMAX XL PVC

FLAMETEC® CP-5 FLAME
RETARDANT POLYPROPYLENE

FLAMETEC® CP-7D FLAME
RETARDANT POLYPROPYLENE

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

VYCOM®

Vycom manufactures market-leading brands of highly innovative plastic sheet products designed to replace wood, metal and other traditional materials in a variety of applications. The company's extensive inventory and product offerings provide its customers with the convenience of single-source purchasing and the ability to maximize efficiencies. Vycom's manufacturing agility places it in a prime position to be the essential partner in creating solutions that optimize quality and performance, and in providing a more sustainable future.

A SUBSIDIARY OF THE AZEK® COMPANY

801 E. COREY STREET
SCRANTON, PA 18505
PH: (800) 235-8320
FX: (800) 858-9266
WWW.VYCOMPLASTICS.COM

MADE IN THE USA