

Materials Specification Sheet

Rigid Doors and Rigid Walls



Frame

Material	6560 T-6 Temper Aluminum
Tensile Strength	30,000 psi

Paneling - Lexan (High Optic Polycarbonate)

Material	Polycarbonate
Color	Clear
Odor	Odorless
Self-ignition Temperature:	650°F
Thickness	4.5mm

Meets or exceeds ASTM E84

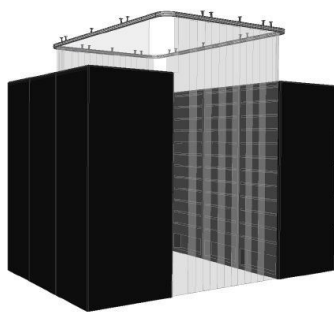
Paneling - Corrugated Twin-Wall (Optional Paneling)

Material	Polycarbonate
Color	Clear
Odor	Odorless
Self-ignition temperature	450°C (842° F)

Meets or exceeds ASTM E84-01

Thickness	6mm
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Strip Door / Curtains



Track

Material	6091 T-5 Temper Aluminum
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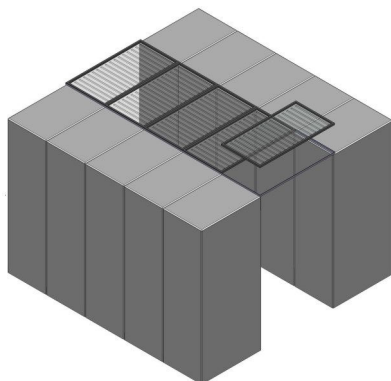
Fire Suppression Fusible Links

Heat Activated	135°	165°
Maximum Load	40 lbs	45 lbs
Minimum Load	3 lbs	3 lbs

Clear Vinyl

NFPA 701 passed

Shrink Away Panels



Frame

Material	6560 T-5 Temper Aluminum
Tensile Strength	30,000 psi
Typical Panel Size	26" x 50"

Meets or exceeds ASTM E84 Standards

Melt-Away Panel

Material	15 Mil Clear Polyvinyl Chloride
Smoke Deviation ASTM E84	125 test result
Flame Spread ASTM E84	15-20 test result

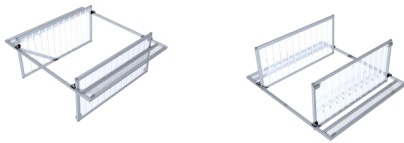
Meets or exceeds ASTM E84 Standards

UL-R4036 rated for use under fire suppression systems

FM-4651 approved for use under fire suppression systems

Materials Specification Sheet

Mechanical Ceiling



Frame

Material	6560 T-5 Temper Aluminum
Tensile Strength	30,000 psi
Customizable Panel Sizes	
Meets or exceeds ASTM E84 Standards	

Heat Activated Panel

Material	15 Mil Clear Polyvinyl Chloride
Smoke Deviation ASTM E84	125 test result
Flame Spread ASTM E84	15-20 test result
Meets or exceeds ASTM E84 Standards	
UL-R4036 rated for use under fire suppression systems	
FM-4651 approved for use under fire suppression systems	

GapHOG / GapSTRIPS



Function: Adds durability as well as moisture, heat, UV, abrasion, puncture and chemical resistance to foam products used in severe conditions

Material	Vinyl Based
Tensile Strength - ASTM D-412	1010
Temperature Use Range	0 °F to 200°F
Flammability	Listed UL 94 HBF
Elongation- ASTM D-412	340%
Block Resistance	4hr @ 160°F
Chemical Resistance - ASTM-D-1308	
Mineral Oil, Saline, Machine Oil, Blood, Urea (6% in H2O), Cleaner, Acid (10% sulfuric in H2O), Gasoline, Alcohol	Very Good
Butadiene (iodine)	Very Good (stained after 5 min.)
Density Nominal kg/m³	
ASTM D3574	93 (5.8)
Flammability – UL 94	Listed HBF
Thermal Conductivity-K Value	
ASTM C177 W/m*K (BTU in/hr ft ² F)	.040 (.28)
Compression Set (%) - ASTM D3574	
22 hr at 70C (158F) Compressed 25%	.6
Compressed 50%	2.4
Tensile Strength kPa (psi)	
ASTM D3574	
51 cm/min (20in/min) @22C (72F)	135
RoHS Compliant	Yes