

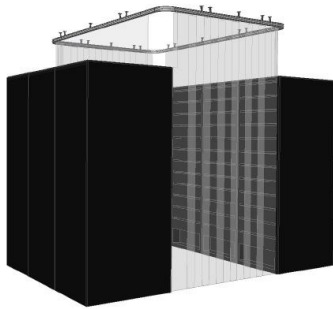
Materials Specification Sheet

Rigid Doors and Rigid Walls



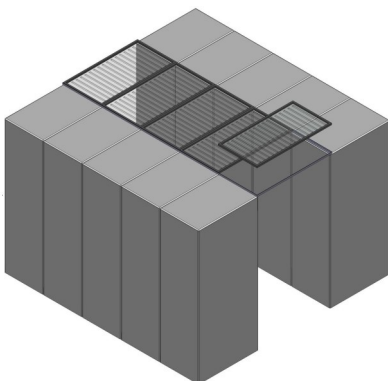
| Frame | |
|---|--------------------------|
| Material | 6560 T-6 Temper Aluminum |
| Tensile Strength | 30,000 psi |
| Paneling - Lexan (High Optic Polycarbonate) | |
| Material | Polycarbonate |
| Color | Clear |
| Odor | Odorless |
| Self-ignition Temperature: | 650°F |
| Thickness | 4.5mm |
| Meets 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 |

Strip Door / Curtains



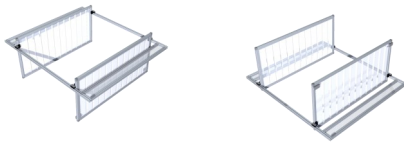
| Track | | |
|--------------------------------|--------------------------|--------|
| Material | 6091 T-5 Temper Aluminum | |
| Fire Suppression Fusible Links | | |
| Heat Activated | 135° | 165° |
| Maximum Load | 40 lbs | 45 lbs |
| Minimum Load | 3 lbs | 3 lbs |
| Clear Vinyl | | |
| NFPA 701 passed | | |

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 | |

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 |