

Materials Specification Sheet



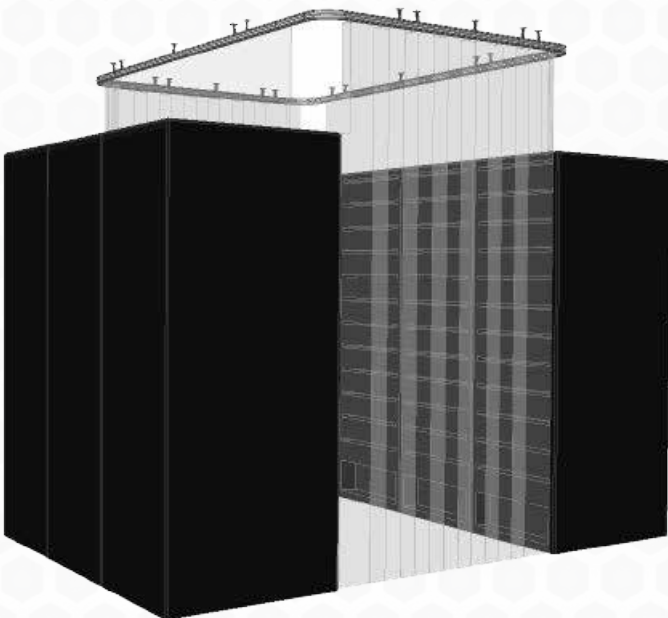
Rigid Walls



Frame		
Material	6560 T-6 Temper Aluminum	
Tensile Strength	30,000 psi	
Panel Options		
3 mm Polycarbonate	ASTM E-84	Class B
	ASTM D635	CC1
	ASTM D2843	<75
4.5 mm Polycarbonate	UL 94	V-0
	ASTM D635	CC1
	ASTM D2843	Passed
3 mm Clear PVC	FM 4910	Passed
	UL 94	V-0
	ASTM E-84	Class A
6 mm Twin-Wall Polycarbonate	ASTM E-84	Class A
	ASTM D635	CC1

* Rigid walls with height and width exceeding 30" will get a 4.5mm thick panel that meets the same ratings as the 3mm polycarbonate

Thermal Walls/Doors



Track		
Material	6560 T-6 Temper Aluminum	
Fire Suppression Fusible Links		
Heat Activated	135° F	165° F
Maximum Load	40 lbs	45 lbs
Minimum Load	3 lbs	3 lbs
Clear Vinyl		
NFPA 701 passed		

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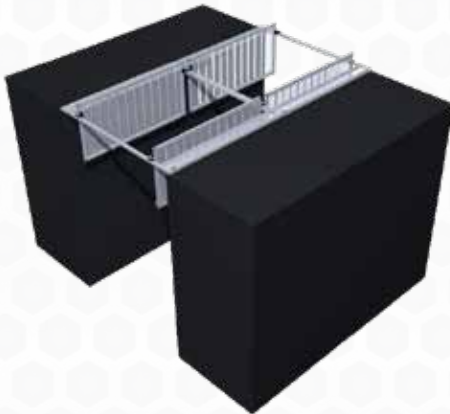


Heat Activated Panels



Frame	
Material	6560 T-6 Temper Aluminum
Tensile Strength	30,000 psi
Typical Panel Size	26" x 50"
Heat Activated Panel	
Material	15 mil Clear Polyvinyl Chloride
Smoke Deviation ASTM E84	125 test result
Flame Spread ASTM E-84	15-20 test result
UL-R4036 rated for use under fire suppression systems	
FM-4651 approved for use under fire suppression systems	

Mechanical Ceiling



Frame	
Material	6560 T-6 Temper Aluminum
Tensile Strength	30,000 psi
Customizable Panel Sizes	
Heat Activated Panel	
Material	15 mil Clear Polyvinyl Chloride
Smoke Deviation ASTM E84	125 test result
Flame Spread ASTM E-84	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	

Gap Fill Sheets™



Gap Fill Sheets	
Material	Polymer
Temperature use Range	ASTM D 1056 -40°F to 200°F
Flammability	
FMVSS 302	UL 94
25% Compression Resistance	ASTM D1056
UL 50 (Gaskets & Seals)	UL Listed