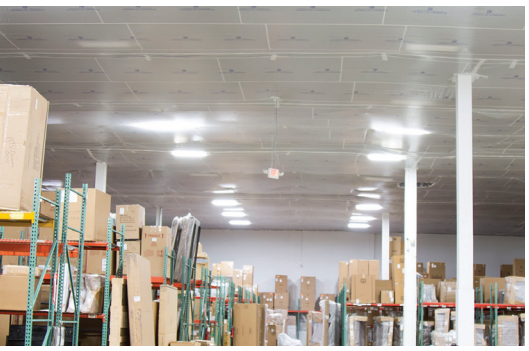
SmartSeam®

by TuffWrap®

Discover the **next generation** of SmartSeam® suspended cover. **The smart choice for protecting people, products and property from falling dust and debris.**



After 20 years of innovation, the next generation of SmartSeam® is here! It is the only suspended cover that is fire code compliant to contain dust and debris safely throughout North America. SmartSeam® keeps facilities operational during construction projects, while eliminating your liability in case of a fire. **Don't get left in the dust.**

Code Compliant

Re-engineered and tested to the highest standards, SmartSeam® is compliant with the International Fire and Building Code Standards, FM 4651 and UL 723S.* **Eliminate your liability from fire while protecting your people and property.**

Innovative Scrim Design

If an accidental puncture occurs, the diagonal and perpendicular scrim orientation **resists tearing and continues to provide protection.**

Antistatic

Additives helps mitigate electrostatic discharges (ESD) thereby **providing protection from combustible dust** for data centers, clean rooms, electronics, grain elevators, battery manufacturing, and more.

Antimicrobial

Protects against mold, mildew, and bacterial growth which is critically important for the food and beverage, healthcare, and pharmaceutical industries.

Protective Dust Cap

The only suspended cover solution with a dust cap over the heat reactive seam. This provides **extra dust and debris protection** where the panels are stitched together, defending against the migration of contamination.

Strong 4-Ply Material

The four-layer polyethylene material is designed to provide the most **puncture resistant and highest tear strength** of any suspended cover available.

Heat Reactive Thread

A custom fusible thread has a lower melting point than other materials around it allowing the **6′ x 5′ panels to quickly open in case of fire** permitting the sprinklers to activate as intended.

Flame Retardant

SmartSeam's innovative composition is tested and classified* to **reduce flame and smoke spread** for temporary suspended ceilings.

INDUSTRIAL & COMMERCIAL | PHARMACEUTICAL | AEROSPACE | MANUFACTURING | WAREHOUSE & DISTRIBUTION | FOOD & BEVERAGE

TuffWrap®
Innovation in Dust & Debris Containment

800.995.4556 | tuffwrap.com

*View SmartSeam® approved compliance and classifications on the reverse side.

Made in USA

SmartSeam®

Properties	Specifications
Material Construction	Four-layer, scrim reinforced, polyethylene that is panelized with a heat-reactive seam.
Protective Dust Cap	Yes
Appearance	Translucent
Nominal Thickness	6 mil
Flame Retardant	Yes
Antimicrobial	Yes
Antistatic	Yes
Load Capacity	10 lbs. / 100 sq. ft.**
Maximum Use Temperature	150°F
Minimum Use Temperature	-70°F
Mullen Burst	45 psi
Grab Tensile	60 lbs. / ft.

NEW

Code Reference	Evaluation Method
International Building Code	IAPMO UNIFORM EVALUATION SERVICES EC 043-2020
International Fire Code	IAPMO UNIFORM EVALUATION SERVICES EC 043-2020
International Residential Code	IAPMO UNIFORM EVALUATION SERVICES EC 043-2020

Index	Reference	Test Method
Minimum Peak Load	IAPMO EC 043 Section 4.1	ASCE 7 Table 4.3.1
Structural Performance of Curtain Walls by Uniform Static Air Pressure Difference	IAPMO EC 043 Section 4.1	ASTM E330, Procedure A
Flame Spread Index	IAPMO EC 043 Section 4.2, Class “A”	UL 723, ASTM E84
Smoke Developed Index	IAPMO EC 043 Section 4.2, Class “A”	UL 723, ASTM E84
Flame Propagation	IAPMO EC 043 Section 4.3	NFPA 701 10.1
Approved for Installation Below Sprinkler Systems	IAPMO EC 043 Section 4.4 and 4.5	UL 723S, NFPA 13, FM 4651

** Load capacity is based on an even distribution of 10 lbs. of construction dust over a 100 sq. ft. area

NOTE: To the best of our knowledge, unless otherwise stated, these are typical property values and are intended as guides only, not as specification limits. Chemical resistance, odor transmission, longevity as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions.

NFPA NATIONAL FIRE PROTECTION ASSN. | CLASSIFIED UL UL 723S | IAPMO ES

TuffWrap® Innovation in Dust & Debris Containment

800.995.4556 | tuffwrap.com

Made in USA