



Monarflex Super T-Plus Flamesafe Reinforced Scaffold Sheeting

BASIC USES / RELATED USES

Monarflex Super T-Plus Flamesafe is a reinforced flame-proof scaffold sheeting for weather protection on scaffolding. For use in high risk construction, Monarflex Super T-Plus Flamesafe provides worker and job site material containment with the added benefit of no flame propagation, in the event of fire. It also provides safety sheeting for storage areas and as a worksite perimeter enclosure.

PRODUCT ATTRIBUTES AND CHARACTERISTICS

- Prevents fire propagation, is self-extinguishing
- Scaffold sheeting to provide worker and job site material containment systems
- Safety sheeting surrounding storage areas
- Site and work areas perimeter enclosure
- Protects public from job site debris
- Branding available

APPLICABLE STANDARDS, RELATED REFERENCES

- ASTM D882 - Test Method For Tensile Properties of Thin Plastic Sheeting
- ASTM E96 - Test Methods For Water Vapor Transmission of Materials
- NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films
- Building Research Est. Ltd. - Fire & Risk Sources, Div. #210780
- Boston Flame Test - Boston Fire Department

QUALITY STATEMENTS

- Product is manufactured at an ISO 9001 - 2002 Certified facility
- Mock-up: A site-built mock-up may be desirable to confirm that:
 - An assembly of membrane and adjacent materials will achieve results desired
 - Other adjacent affected materials and work will interface successfully

PACKAGING

- Membrane materials: Individually wrapped rolls
- Accessory materials: In labeled containers

MATERIAL

- Composition: Low density virgin polyethylene (LDPE), Interlayer of polyester multi-filament mesh.
- Grommets: Molded plastic discs, fused with sheeting, with hole for plastic anchor insertion

TECHNICAL DATA

PROPERTY	TEST METHOD	RESULTS
Elongation	ASTM D882	14.5 %
Tensile Strength*	ASTM D882	MD 8,571 psi TD 9,988 psi
Tear Strength	—	53 lbs/force
Light Transmission	—	70 %
Flame Retardant	NFPA 701 (Test Method 2)	Passed
Reinforcement	—	1670 Dtex
Eyelet Pullout Strength	—	208 lbs/force
Thermal Stability	—	-40°F to 140°F
UV Resistance	—	Very good

*MD = Machine Direction; TD = Transverse Direction

MEASUREMENTS

- Thickness: 8 mil (0.2 mm)
- Roll Sizes:
 - 13" x 157' (4 m x 47.2 m)
 - 7'4" x 137' (2.2 m x 41.8 m)
- Weights:
 - 13' roll: 104 lb (47 kg)
 - 7'4" roll: 54 lb (24 kg)

ACCESSORIES

- Monostud & CableTie: Used to fix sheet to scaffold for a tight seal at grommets puncture site
- Polytoggle and Wedge: Fixed into grommets to join sheets with a tight seal (when used with straps)
- Monobond: Double-sided sealant tape for air and water tight joints & laps
- Anchor and Strap: A two-piece connector used when high wind resistance is required
- Flexitie: A strong and flexible fixing from the grommet to the scaffold
- Vents: Two-piece unit, to allow control of air flow at selected locations
- Door Panels: Cream, with built-in zipper

COLOR AND TEXTURE

- Cream, fiber mesh reinforced/embossed

PREPARATION WORK

- Prepare scaffolding to receive sheeting
- Do not utilize components or accessories unacceptable to sheet manufacturer
- Remove items which may damage sheeting

APPLICATION

- Always follow all OSHA safety guidelines
- Roll out sheeting to minimize wrinkles and folds
- Overlap grommets, edges and ends minimum 6 inches (150 mm)
- Fasten sheeting to scaffolding using Flexities, Cable Ties and Monostuds or Polytoggle and Wedge. For high wind resistance, fasten sheeting to scaffolding using Anchor and Strap
- Seal laps and joints as required, using Monobond double-sided sealant tape
- Join sheets using preferred fastening component
- Install vents where air flow is required
- Install door panels where access is required

COVERAGE

- 13' (4 m) wide roll: Covers approximately 2,041 sq ft (187 sq m), less lap allowance
- 7'4" (2.2 m) wide roll: Covers approximately 1000 sq ft (93 sq m), less lap allowance

LIMITED WARRANTY

CARLISLE COATINGS & WATERPROOFING INCORPORATED (CARLISLE) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any CARLISLE materials prove to contain manufacturing defects that substantially effect their performance, CARLISLE will, at its option, replace the materials or refund its purchase price.

This limited warranty is the only warranty extended by CARLISLE with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. CARLISLE specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever.

The dollar value of CARLISLE's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the CARLISLE material in question.