



# uni-mesh™

FIRE RETARDANT

The logo features a stylized flame in red and yellow, enclosed within a blue circular border.

Uni-span's Uni-mesh™ and more recent Uni-grid™ has been safely containing scaffolding in the most aesthetically pleasing method for over a decade. This compliant and trusted system has become a market leader in the construction sector.

Our innovative ways never stagnate. Due to recent safety alerts and preempting that WHS Regulations and Australian Standards will be updated to accommodate a fire retardant containment system for scaffolding;

Uni-span introduces... **uni-mesh™**  
FIRE RETARDANT 

Uni-mesh™ Fire Retardant, also known as Uni-mesh™ FR, holds the same features and benefits as Uni-span's standard Uni-mesh™ product. The only difference is a fire retardant additive to the manufacturing process that allows this product to comply with the ABCB Flammability Index, in accordance with AS 1530.2-1993 (Methods for fire tests on building materials, components and structures; Part 2: Test for flammability of materials).

Increasing quality control measures has allowed Uni-span to offer a **3 year manufacturer's warranty** on all of our containment products. We guarantee Uni-mesh™, Uni-grid™ and Uni-mesh™ FR rolls will stay fit for purpose for a 3 year period.

## DESCRIPTION

DESCRIPTION
Versatile product for use in all sectors
Steel wire reinforced
Fire retardant - Flammability Index 1
Tested & certified to all relevant Australian standards & WHS regulations
Easy & economical installation & removal
Can be attached to scaffolding with cable ties/KwikAz clips

## SIZE & WEIGHT

SIZE	WEIGHT PER ROLL
0.95m x 10m	7.95 kg
1.9m x 10m	15.9 kg



## FEATURES & BENEFITS

FEATURES	BENEFITS
Identifiable by red strip within the mesh	Durable for multiple uses
50mm x 50mm grid with shade element	Ready to install & rolls up after use
Prescribed lining is steel wire reinforced	Repairable and aesthetically pleasing
Ties required on every standard (2.4m max.)	Saves time, money & labour
Ties required at each floor (4m max.)	Full test results available on request
Uni-mesh™ FR may extend 2m above last tie provided inside standard is erected & top transom installed	Available in blue, black, beige & green (min. order QTY applies)
Remains unimpaired in wind speeds up to 100kph	

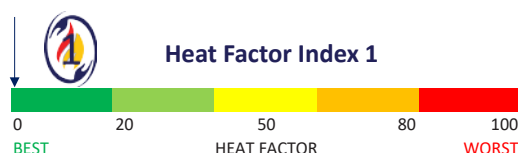
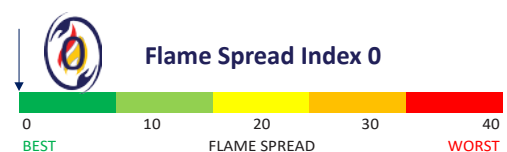
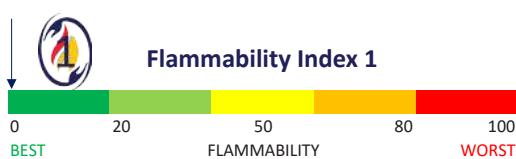
## RATING DEFINITIONS

**Flammability** is the ability of a substance to burn or ignite, causing fire or combustion. The degree of difficulty required to cause the combustion of a substance is quantified through fire testing. Internationally, a variety of test protocols exist to quantify flammability.

**Flame spread** or surface burning characteristics rating is a ranking derived by laboratory standard test methodology of a material's propensity to burn rapidly and spread flames.

**Heat factor** is the amount of heat generated when the product burns.

## UNI-MESH™ FR RATINGS



# TEST REPORTS & VERIFICATION

## AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing  
 A.B.N 43 006 014 106  
 1st Floor, 191 Racecourse Road, Flemington, Victoria 3031  
 P.O Box 240, North Melbourne, Victoria 3061  
 Phone (03) 9371 2400 Fax (03) 9371 2499

### TEST REPORT

**Client :** Uni-Span Australia Pty Ltd  
 28 Computer Road  
 Yatala QLD 4207

**Test Number :** 18-004019  
**Issue Date :** 30/07/2018  
**Print Date :** 30/07/2018

**Sample Description** Clients Ref : "FR - Mesh"  
 Warp knit mesh with reinforcing straps  
 Colour : Black

AS 1530.2-1993

**Methods for Fire Tests on Building Materials, Components and Structures.**  
**Part 2: Test for Flammability of Materials**

Date Tested	27/07/2018	
Flammability Index	1	
	Length	Width
Spread Factor	0	0
Heat Factor	1	1
Maximum height (d)		
Mean	2.1	1.6
Coefficient of Variation	124.1	33.9 %
Heat (a)		
Mean	3.3	1.5 °C.min
Coefficient of Variation	139.9	0.0 %
Number of Specimens Tested	9	9
Observation	Visible smoke, melting, dripping and flaming debris.	

These test results relate only to the behaviour of the test specimens of the material under the particular conditions of the test, and they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.

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0204/1106

APPROVED SIGNATORY

UNIVERSITY OF MELBOURNE

## THE MARRON CONSULTANCY

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10 August 2018

Mr Tarryn Grobbelaar  
 Marketing Manager & HSEQ Coordinator  
 Uni-span Australia Pty Ltd  
 28 Computer Road  
 Yatala, QLD 4207

Dear Tarryn,

**RE: Fire Retardant Uni-mesh**

I refer to the Test Report by AWTA Product Testing Test Number; 18-004019, Issue date 30/07/2018 related to FR-Mesh. This records the test on black colour Uni-Mesh treated with fire retardant when tested to AS 1530.2—1993.

The Report states a Flammability Index of 1 and a Spread Factor of 0. An observation noted that there was visible smoke, melting, dripping and flaming debris.

The ABCB Temporary Structures Standard 2015, Table 4.1.2 FIRE HAZARD PROPERTIES in (a) Within 4 m of the base of the temporary structure and for air-supported structures (without other supporting framework) — Flammability Index of 6, Spread-of-Flame Index of 9 and Smoke-Developed Index of 8.

The AWTA Test Report indicates that FR-Mesh complies with the ABCB Flammability Index.

The AWTA Test Report does not report on the Spread-of-Flame Index or the Smoke-Developed Index which are determined by AS/NZS 1530.3.

Yours sincerely,

D. W. Crawford BE (UNSW), ASTC, MIEAust NER, RPEQ

## CONTACT

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