

# TRANSFLEX ONE™

## Provisional Datasheet

Single layer Aramid/Silicone mass transport gangway material.

Designed for maximum fire safety performance, flex fatigue and strength.

Characteristic	Standard	Units	Typical Value
Thickness	ISO 4603	mm	0.7 to 3.5
Width		mm	1600 max.
Colours	NSC	NSC	As required
Silicone Cover Hardness	ASTM D2240	Shore °A	75
Warp Tensile Strength	BS EN 13934	N/50mm	6000
Weft Tensile Strength	BS EN 13934	N/50mm	6500
Warp Tear Strength	EN ISO 13937	N	>400
Weft Tear Strength	EN ISO 13937	N	>400
Bally Flex Resistance	DIN 53351	Cycles at 23°C	>250,000 grade 3
Operating temperature		°C	-40 to +100
Ozone Resistance	ISO 3011		No cracks
EN45545 Smoke and Toxicity	EN ISO 5659-2		
	Ds (4)		100
	VOF4	HL3 R1*	266
	CITG		0.01

\*Indicative test on 2.5mm thick sample.

Full testing on selected colour and thickness would be required to ensure full compliance.



# TRANSFLEX TWO™

## Provisional Datasheet

Double layer Aramid/Silicone composite mass transport gangway material.

Designed for fire safety performance, flex fatigue and strength, where increased stiffness is required to avoid creasing in operation.

Characteristic	Standard	Units	Typical Value
Thickness	ISO 4603	mm	1.2 to 3.5
Width		mm	1600 max.
Colours	NSC	NSC	As required
Silicone Cover Hardness	ASTM D2240	Shore °A	75
Warp Tensile Strength	BS EN 13934	N/50mm	5300
Weft Tensile Strength	BS EN 13934	N/50mm	5300
Warp Tear Strength	EN ISO 13937	N	>350
Weft Tear Strength	EN ISO 13937	N	>350
Bally Flex Resistance	DIN 53351	Cycles at 23°C	>250,000 grade 3
Operating temperature		°C	-40 to +100
Ozone Resistance	ISO 3011		No cracks
EN45545 Smoke and Toxicity	EN ISO 5659-2		
	Ds (4)		215
	VOF4	HL2 R1*	447
	CITG		0.02

\*Indicative test on 2.5mm thick sample.

Full testing on selected colour and thickness would be required to ensure full compliance.

