

## Technical Data Sheet

### PRODUCT: q-LAM™ 16

q-LAM™ 16 represents the highest level of performance for removable insulation systems. It is comprised of a PTFE coated high strength fibreglass reinforcement, laminated on one side with a black multiplayer cast PTFE film. Similar to the q-GUARD® thermally durable and fire-safe fluoropolymer composites, q-LAM™ 16 is non-porous and has excellent permeation and chemical resistance.

q-LAM™ 16 is particularly suitable for use in hostile environments where the materials are exposed to severe chemical attack. Typical applications include insulation jacketing in paper mills, chemical plants and petrochemical facilities as well as the chemical barrier in flexible expansion joints.

TYPICAL PROPERTIES	UNIT	VALUE	TEST METHOD
Weight:	g/m <sup>2</sup>	760	FTMS 191A-5041
Thickness:	mm	0.430	FTMS 191A-5030
Tensile Strength:	N/cm	960 x 540	FTMS 191A-5102
Trap Tear Strength:	N	200 x 100	FTMS 191A-5136
Colour of Laminated Side:	-	Black	-
Colour of Coated Side:	-	Grey	-
Temperature Resistance:	°C	-150 to +260	-
Standard Widths:	mm	1450	-

q-LAM® Insulation jacketing is non-flammable and will not spread flame, generates virtually no smoke. Under conditions of flame impingement, it will add very little fuel to a fire.

q-LAM® passes the UL 214 vertical flame test.

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#### Ireland

Tel. +353 65 6820988

Fax. +353 65 6820993

E-mail: [aff.europe@saint-gobain.com](mailto:aff.europe@saint-gobain.com)

#### Germany

Tel. +49 221 9714080

Fax. +49 221 97140835

E-mail: [aff.germany@saint-gobain.com](mailto:aff.germany@saint-gobain.com)

#### France

Tel. +33 4 68635353

Fax. +33 4 68632646

E-mail: [aff.france@saint-gobain.com](mailto:aff.france@saint-gobain.com)

#### Great Britain

Tel. +44 1706 746900

Fax. +44 1706 746991

E-mail: [aff.uk@saint-gobain.com](mailto:aff.uk@saint-gobain.com)

#### Italy

Tel. +39 041 5350203

Fax. +39 041 2668908

E-mail: [aff.italy@saint-gobain.com](mailto:aff.italy@saint-gobain.com)

#### Spain

Tel. +34 96 1536170

Fax. +34 96 1520757

E-mail: [aff.spain@saint-gobain.com](mailto:aff.spain@saint-gobain.com)

[www.plastics.saint-gobain.com](http://www.plastics.saint-gobain.com)

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