

## Technical Data Sheet

### PRODUCT: q-GUARD® 16

q-GUARD® are thermally durable and fire-safe fluoropolymer composites developed specifically for use with removable insulation systems.

q-GUARD® 16 comprises a woven fibreglass reinforcement coated with a proprietary matrix of fluoropolymer resins. q-GUARD® 16 is similar to q-GUARD® 14 but has exceptional tear and tensile strength values.

TYPICAL PROPERTIES	UNIT	VALUE	TEST METHOD
Weight:	g/m <sup>2</sup>	600	FTMS 191A-5041
Thickness:	mm	0.380	FTMS 191A-5030
Tensile Strength:	N/cm	900 x 500	FTMS 191A-5102
Trap Tear Strength:	N	200 x 100	FTMS 191A-5136
PTFE Content:	%	31	-
Coating Colour:	Side(s)	Grey / Light grey	-
Coating:	Sides (s)	Biased to one side	-
Temperature Resistance:	°C	-150 to +260	-
Standard Widths:	mm	1475	-

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

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