

Technical Data Sheet

PRODUCT: q-GUARD® 14

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

q-GUARD® 14 comprises a woven fiberglass reinforcement coated with a proprietary matrix of fluoropolymer resins. q-GUARD® 14 is similar to q-GUARD® 10 but uses a higher strength fiberglass substrate with a heavier coating.

| TYPICAL PROPERTIES | UNIT | VALUE | TEST METHOD |
|-------------------------|------------------|--------------------|----------------|
| Weight: | g/m ² | 540 | FTMS 191A-5041 |
| Thickness: | mm | 0.420 | FTMS 191A-5030 |
| Tensile Strength: | N/cm | 520 x 440 | FTMS 191A-5102 |
| Trap Tear Strength: | N | 130 x 160 | FTMS 191A-5136 |
| PTFE Content: | % | 45 | - |
| Coating Colour: | Side(s) | Grey / Light Grey | - |
| Coating: | Sides (s) | Biased to one side | - |
| Temperature Resistance: | °C | -150 to +260 | - |
| Standard Widths: | mm | 1525 | - |

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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