Introducing E-Wrap® Endothermic Wrap

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E-Wrap® Endothermic Wrap is STI’s latest solution for Circuit Integrity and Survivability of critical infrastructure in the event of a fire. E-Wrap® is a flexible, high-temperature insulation wrap that releases chemically bound water when exposed to high temperatures. E-Wrap® easily cuts by hand with a straight razer and is lighter than all other competing solutions on the market today. Its low density and soft supple nature make it easy to work with and conform around cables, cable trays, as well as individual and grouped thin walled Electrical Metallic Tubing (EMT) and Rigid Metallic Conduit (RMC).

Under fire exposure, E-Wrap® releases water to have a cooling effect protecting critical circuitry. E-Wrap® is tested to meet the exacting criteria of ASTM E1725: Standard Test Methods for Fire Tests of Fire-Resistive Barrier Systems for Electrical System Components providing up to 2Hrs of circuit integrity.

Beyond circuit integrity and survivability, E-Wrap® can also be used to achieve T-Ratings on firestop penetrations. E-Wrap®’s thin profile and easy workability makes it ideal for achieving T-Ratings in limited access conditions where thicker or heavier insulations require more working space or greater thickness of installed material to achieve equivalent T-Ratings.

We are excited to announce E-Wrap® Endothermic Wrap and make it generally available. If you would like to find out more about E-Wrap® Endothermic Wrap, are looking for solutions for achieving Circuit Integrity, or interested using E-Wrap® for achieving T-Ratings please contact our Engineering Services Department.