

EndoFlex Mat[®]

When time is everything[™]

When fire strikes, time is the most precious commodity for keeping vital systems functioning.

Protecting these vital systems such as fire control, critical alarm equipment, telecommunication systems, control rooms and lighting among others is essential for evacuation and shutdown.

EndoFlex Mat[®] is the latest breakthrough in endothermic fire protection from ETS Schaefer, the company that pioneered the development of the most cutting edge technologies in the refractory industry. Known for our innovative and problem solving expertise, we have emerged as a global leader in the design and application of fire protection products and systems.

EndoFlex Mat[®] works as a protective shield on electrical pathways providing as much as 3 hour protection for vital circuit integrity. It is easily installed requiring no special tools.



Conduit-Free Air Cables



Junction Boxes



Cable Trays

ETS Schaefer

EndoFlex Mat®

TECHNICAL SPECIFICATIONS

Mat thickness	.40 in (9.8mm)
Mat laminate	3 mil aluminum foil
Roll length	15 ft (4.6m)
Roll width	24 in (61cm)
Roll weight	70.5 lbs (31.98kg)
Weight/unit	2.35lb/ft ² (11.51kg/m ²)
Mat area/roll	30ft ² (2.79m ²)
Loss on ignition	30%
Thermal conductivity	2.7 BTU/ft ² /hr @ 90°F
Flame spread index	5
Smoke developed	10

PRODUCT TESTING

ASTM E84-00a	Surface burning characteristics
ASTM C 518-98	Steady state heat flux and thermal transmission properties
ASTM E 1725-95	Fire resistive barrier systems for electrical system components
ASTM G 53	Simulated exposure of non-metallic materials to deterioration by sun and water
IEEE 848	Ampacity derating of 1" and 4" conduits and cable trays

Classified by Omega Point Laboratories



Our Pledge of Assurance

Count on our team of highly trained engineers, technical sales personnel and service technicians who are there to fully support all of your needs – before, during and after installation. And because our products adhere to the most rigid set of quality standards, you'll always gain maximum protection and performance.

EndoFlex Mat® – your best insurance against fire damage! Contact one of our professionals today for more information concerning your specific application or product requirements.

ETS Schaefer

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