

BlastMatTM Electrical Arc Protection Blanket by Thermequip

Light-Line Blankets are designed to protect against plasma arc explosions. They are not rated for insulating against electrical shock

- Carabineer straps available for quick & easy installation by a single worker.
- Custom designed sizes & styles available.
- Hang blankets loosely and at least 8" from potential fault.
- Superior engineering created the lightest weight blanket available in the industry without compromising its effectiveness.
- In compliance with OSHA 29CFR Part 1910.269(t)(7) for manhole protection.

Attachment Straps W/Cam Buckle & 2 Carabineers:

Estex #TE-S-6LN 6' Light Nylon

Estex #TE-S-6HN 6' Heavy Nylon

Estex #TE-S-6K 6' Kevlar



Test dummy goes into vault.



One second after explosion...



No piercing of BlastMat.

With BlastMat

W/Out BlastMat



Testing was done in an above ground concrete containment identical to the underground bunkers used in major cities in the US. The connectors were shorted to simulate actual faults. The **Light-Line** blankets provided the needed protection.

Estex #TE-48-56 Light-Line Blanket 4'x5'

Estex #TE-48-96 Light-Line Blanket 4'x8'

Estex #TE-56-96 Light Line Blanket 5'x8'

Estex #TE-72-96 Light Line Blanket 6'x8'

Estex #TE-SET5696 Super Light-Line Blanket System Three 5'x8' Blankets

ESTEX



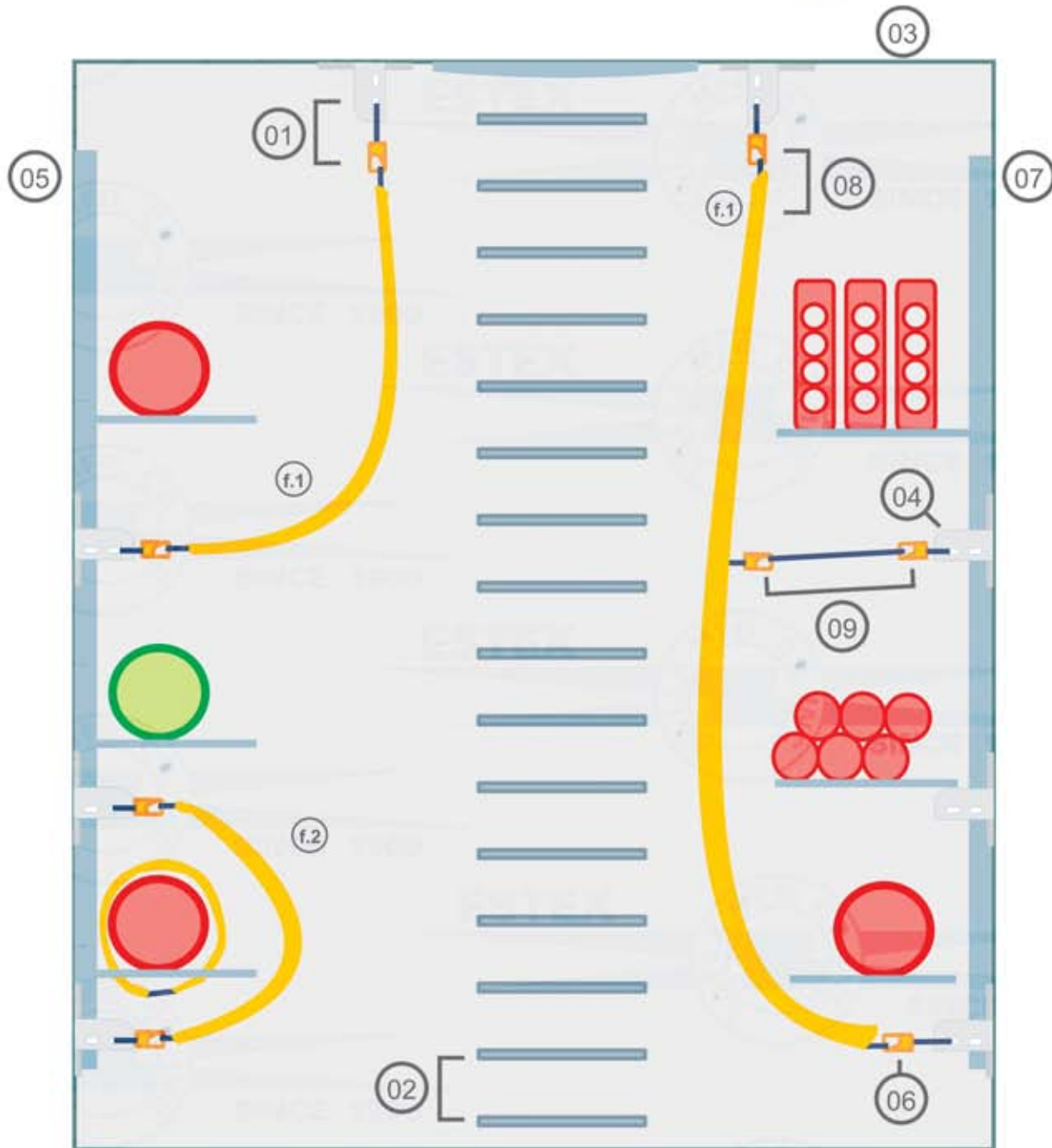
SINCE 1900

www.estexmfg.com

Toll Free: 1-800-749-1224

Phone: 770-964-3322

Fax: 770-964-7534



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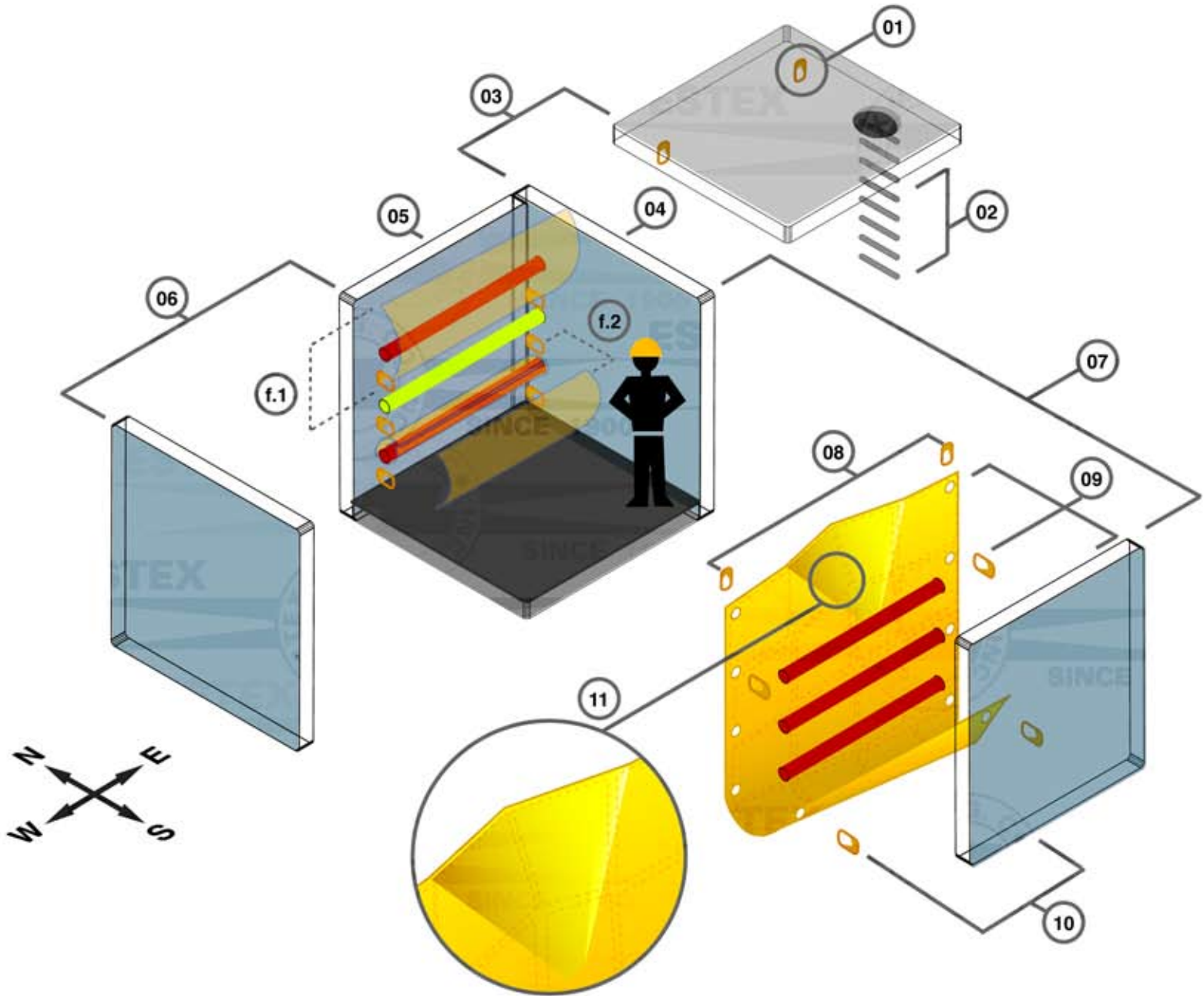
DIAGRAM 1: Arc Suppression Blanket Preferred Work Method

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P. O. Box 368
 402 East Broad Street
 Fairburn, GA 30213

RED cables are energized
GREEN cables are de-energized

- 01. Strut base brackets connect to carabiner from north wall to ceiling (connect to figure 1)
- 02. Ladder to the surface
- 03. Vault ceiling
- 04. Strut base
- 05. (north) Vault wall
- 06. Carabiner
- 07. (south) Vault wall
- 08. Carabiner connects to arc blast blanket
- 09. Secondary securing point
- f.1. Arc blast blanket in WALL 'J' Method
- f.2. Arc blast blanket in CLAMSHELL Method



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DIAGRAM 2: Arc Suppression Blanket Preferred Work Method

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RED cables are energized
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- 01. Brackets connect blanket from north wall to ceiling (connect to f.1)
- 02. Ladder to the surface
- 03. Vault ceiling
- 04. (east) Vault wall
- 05. (north) Vault wall
- 06. (west) Vault wall
- 07. (south) Vault wall

- 08. Brackets connect to blanket and to ceiling
- 09. Blanket connects to south wall with brackets
- 10. Brackets connect to south wall
- 11. Blanket bows to channel arc blast out of vault/manhole

f.1. Arc blast blanket in WALL 'J' Method
 f.2. Arc blast blanket in CLAMSHELL Method