

# ANSI Compliant Personal Energy Absorbers (E/A's)

## E/A Assembly and Principle of Operation

Ends of the tear webbing are sewn to the A and B ends of the backer webbing shown at Fig.2. When subjected to a free fall, the tear webbing will separate from the center. A typical 6ft free fall with a 310lb worker will partially deploy the tear webbing shown at Fig.3, exposing the fall indicator warning shown at Fig.4. Free falls exceeding 6ft or heavier worker weights may result in the tear webbing's full deployment, causing the backer webbing to engage as a failsafe and arresting the fall. Extreme free falls producing fall arrest forces of more than 5,000lb can result in failure of the backer webbing stitching and failure of the E/A to arrest the fall.

**Fig. 1**  
E/A PID Label

Attach to Full Body Harness Dorsal D-Ring. Conectar al Anillo Dorsal de un Arnés de Cuerpo Entero.

Super Anchor Safety (425) 488-8868 Monroe, WA 98272 USA

**MAX FORCE**  
POLYESTER ENERGY ABSORBERS

**Energy Absorber**  
**Amortiguador de Energía**

Model | Modelo  
**No. 6180**

**Snaphook+Loop End**

DOM Y/M

Meets | Cumple con las Normas ANSI Z359.13 / OSHA 1926.502

Max. elongation for calculating the length of fall not including the connector lengths. 66.0" [1.67m]  
Máximo alargamiento para calcular la distancia de la caída sin incluir la longitud del conector

Shock Pack Length: 18.0" [0.45m]  
Longitud del paquete de amortiguación

Tear Webbing Length: 48" [1.2m]  
Longitud de la Cinta Desgarrable

Warning: Consult Instruction Manual and inspect before each use. Remove from service if clear cover is missing, white tear webbing is visible, or subjected to a free fall. Failure to follow instructions for use may result in serious injury or death.

**Avertissement:** Consulter le manuel de instructions et réviser avant de chaque utilisation. Retirer du service si la couverture transparente est manquante, si la bande blanche déchirable est visible, ou si l'utilisateur est soumis à une chute libre. L'échec de suivre les instructions d'utilisation peut entraîner de graves blessures ou la mort.

Label: EA-6180 US 05-2021 ©SCN Template AB.2 [MIT]

**Super Anchor Safety**  
**INDICATEUR D'ARRÊT DE CHUTE**  
**Indicador Contra Caídas**  
**Fall Arrest Indicator**

Date of First Use  
Date de la première utilisation

**Fig.2**  
Tear Webbing

Tear webbing is designed to rip in half from the center when subjected to a free fall force.

A-end ↑  
Free Fall Force  
B-end ↓

Clear PVC Shrink Tube Cover

Mfg. ID

E/A Part No. A and B end fittings.

Date of Mfg. Compliance

Performance factors for calculating the length of fall

Warning to consult instructions before use

White Tear Webbing Center

User wt. Specifications

Gray Backer Webbing

ANSI Z359.13 Label

**Fig.3**

E/A Deployment Warning. Remove From Service.

Tear Webbing Partially Deployed

Surplus Tear Webbing Not Deployed. Normal Condition.

**Fig.4**  
Inspection/Fall Indicator

When the E/A deploys during a free fall, the Fall Indicator warning will become visible. The E/A must be removed from service.

EA-Inspection A.1 06-2021  
Serial No. 983

Stitching Line

**METEZ HORS SERVICE**  
**Retire de Su Servicio**  
**Remove From Service**

**Super Anchor Safety**  
**INDICATEUR D'ARRÊT DE CHUTE**  
**Indicador Contra Caídas**  
**Fall Arrest Indicator**

Serial No. | NUMERO DE SERIE | Inspection

| SAS

Date of First Use  
Date de la première utilisation

MM	YY	By	Pass

User enters date of First use

Record annual Inspections

**Note:** Absorber service lengths and weights as specified in this catalog are approximate and subject to slight variances.