



Horizontal Lifeline

Specification and Data Sheet

Product Name: Horizontal Lifeline

Manufacturer: Rooftop Anchor, Inc. 2700 South 900 West Suite 200, Salt Lake City, Utah 84119, Phone (800) 411-3914, Fax (801) 839-2929.

Product Description: Horizontal Lifeline cable systems are a type of travel restraint system and are used on buildings in areas where a fall hazard or sloped roof exists. Typically these are only used for fall protection, and unless specifically designed and engineered for, **should never be suspended from**. These systems are highly technical systems requiring complex engineering.

Construction and Materials: The horizontal lifeline shall be a permanent system utilizing 8mm diameter, type 316 stainless steel wire rope for the horizontal line. Temporary installations or synthetic line is not permitted. The intermediate brackets shall be manufactured from type 316 stainless steel. They shall be designed to deform in the case of a fall, thereby reducing the arresting forces through flexural strain energy. The intermediate brackets shall be fastened by a single 1/2" diameter fastener and be isolated from the supporting structure by a non-metallic washer. The intermediate brackets shall contain no moving parts. The user shall connect to the horizontal lifeline with a sliding connector attached to a shock absorbing lanyard. The lanyard (provided by end user) shall meet the requirements of ANSI Z359.1. The shuttle shall be manufactured from stainless steel and allow connection to the lifeline at any location.

Product Performance: Used on all rooftops, balconies, ledges, catwalks and terraces as a travel restraint system. The lifeline shall be designed as a multi-span system, including anchorages at the ends of the cable as well as intermediate supports. The system shall be capable of allowing the users to traverse the entire length of the span without the need to disconnect, manually transfer, or assist in the transfer across intermediate supports.

Load Weight Capacity: The horizontal lifeline shall be designed to meet requirements of OSHA 29 CFR 1926.502 and provide for a minimum factor of safety of 2.0, as well as ANSI 2.359.1.

Standards & Regulations: Rooftop Anchor's product conforms to all U.S. standards, labor/safety codes and material regulations relating to anchor fabrication, window cleaning and other suspended maintenance operations. Agencies include ASME, ANSI, IWCA, OSHA, CAL, AISC, AWS, etc.

Maintenance: All anchors do not require maintenance; however an annual visual inspection by Rooftop Anchor, Inc. is required and must be recorded in the Rooftop Anchor log book. (OSHA STANDARD 1910.66(g) (1, 2, 3)) Ten year re-certification is also required for all fall protection systems.

Warranty Terms: System will be under warranty to operate properly for up to one year following installation, and Rooftop Anchor's preliminary testing and certification, also providing annual inspections are performed by Rooftop Anchor authorized personnel, using only Rooftop Anchor specified materials. The warranty is in continuum as long as annual inspections are done by Rooftop Anchor personnel or a certified representative. Rooftop Anchor warranty card is available upon request.

Technical Services: Please call Rooftop Anchor, Inc.: (800) 411-3914; or visit www.RooftopAnchor.com for technical information, graphics, CAD drawing downloads, or installation services. Rooftop Anchor highly recommends installation and inspection services performed by a certified Rooftop Anchor technician.