

3M Fall Protection Product Advisory

Temporary HLL Connecting Component Compatibility Guidance

Products: 3M™ DBI-SALA® Temporary Horizontal Lifeline Systems

This is not a recall. 3M™ DBI-SALA® Temporary Horizontal Lifeline Systems remain safe to use. This is additional guidance regarding connecting component compatibility.

Recent testing and certification requirements of the new ANSI standard (ANSI/ASSP Z359.14-2021) for Self-Retracting Devices (SRDs), or Self-Retracting Lifelines (SRLs), came into effect for fall protection equipment manufacturers August 1st, 2023. As a result of the increased design and testing requirements in the latest standard revision, some of our SRL Maximum Arrest Force (MAF) and Average Arrest Force (AAF) figures have changed from SRL models certified to previous versions of the standard. These changes in arrest forces led to reduced compatibility in some cases. 3M has evaluated its Temporary HLL systems to increase compatibility and has the following additional guidance on connecting components.

The following table serves as guidance for 3M™ DBI-SALA® Temporary Horizontal Lifeline (HLL) Systems, where 3M™ DBI-SALA® SRLs manufactured to ANSI/ASSP Z359.14-2021 or after August 1st, 2023, are used.

ⓘ IMPORTANT NOTE

Always refer to each product’s Instructions For Use (IFU). This table is intended to provide additional, clarifying information. Consult your authorized qualified person(s)¹ as appropriate.

SRL Force Rating (OSHA)	900 lbs AAF	1350 lbs MAF	1500 lbs MAF or less	1800 lbs MAF or less	1500 lbs MAF or less	1800 lbs MAF or less
HLL System Configuration	</= 2ft free fall	</= 2 ft free fall	</= 2 ft free fall	</= 2 ft free fall	> 2 ft free fall	> 2 ft free fall
3M™ DBI-SALA® Retractable Horizontal Lifeline (formerly EZ-Line)	Use per HLL IFU	Use per HLL IFU	Use per HLL IFU	2 users permitted; utilize 2 user clearance table in HLL IFU	Add 3M™ DBI-SALA® Metal Energy Absorber (formerly Zorbit) for 2 user SRL use only; clearance per HLL IFU	Add 3M™ DBI-SALA® Metal Energy Absorber (formerly Zorbit); restrict to 1 user; utilize 2 user clearance table in HLL IFU
3M™ DBI-SALA® Temporary Cable Horizontal Lifeline System (formerly Sayflin)	Use per HLL IFU	Add 1 ft of clearance to figures in HLL IFU clearance table; add a second 3M™ DBI-SALA® Metal Energy Absorber (formerly Zorbit), if span >/= 50 ft	Add 1 ft of clearance to figures in HLL IFU clearance table; add a second 3M™ DBI-SALA® Metal Energy Absorber (formerly Zorbit), if span >/= 50 ft	Add 1 ft of clearance to figures in HLL IFU clearance table; add a second 3M™ DBI-SALA® Metal Energy Absorber (formerly Zorbit), if span >/= 50 ft	Add 5 ft of clearance to figures in HLL IFU clearance table; restrict to 1 user; utilize 2 user clearance table in HLL IFU	Add 5 ft of clearance to figures in HLL IFU clearance table; restrict to 1 user; utilize 2 user clearance table in HLL IFU
3M™ DBI-SALA® Temporary Cable Horizontal Lifeline System for Stanchions (formerly SecuraSpan)	Use per HLL IFU	Add 2 ft of clearance to figures in HLL IFU clearance table; add a second 3M™ DBI-SALA® Metal Energy Absorber (formerly Zorbit), if span >/= 50 ft	Add 2 ft of clearance to figures in HLL IFU clearance table; add a second 3M™ DBI-SALA® Metal Energy Absorber (formerly Zorbit), if span >/= 50 ft	Add 2 ft of clearance to figures in HLL IFU clearance table; add a second 3M™ DBI-SALA® Metal Energy Absorber (formerly Zorbit), if span >/= 50 ft	Add 2 ft of clearance to figures in HLL IFU clearance table; restrict to 1 user; utilize 2 user clearance table in HLL IFU	Add 2 ft of clearance to figures in HLL IFU clearance table; restrict to 1 user; utilize 2 user clearance table in HLL IFU
3M™ DBI-SALA® Temporary Kernmantle Rope Horizontal Lifeline System (formerly Sayflin Synthetic)	Use per HLL IFU	Add 3 ft of clearance to figures in HLL IFU clearance table	Add 3 ft of clearance to figures in HLL IFU clearance table	Add 3 ft of clearance to figures in HLL IFU clearance table	Restrict to 1 user; utilize 2 user clearance table in HLL IFU	Restrict to 1 user; utilize 2 user clearance table in HLL IFU

¹. QUALIFIED PERSON: Qualified describes a person who, by possession of a recognized degree, certificate, or professional standing, or who by extensive knowledge, training, and experience has successfully demonstrated the ability to solve or resolve problems relating to the subject matter, the work, or the project. Reference OSHA 1910.140 (b). See also OSHA 1926.32 (m).

End Users

There is no new action necessary for pre-existing 3M™ DBI-SALA® SRLs (manufactured to previous versions of ANSI/ASSP Z359.14) being used with 3M™ DBI-SALA® Temporary HLLs, so long as a qualified person has previously made a determination regarding compatibility. However, for newer 3M™ DBI-SALA® SRLs manufactured to ANSI Z359.14-2021 or after August 1st, 2023, check your SRL labels to confirm MAF and AAF figures are compatible with your 3M™ DBI-SALA® Temporary HLL System, based on the IFU in conjunction with the expanded approvals of the preceding table. Also, confirm anticipated free fall in your application aligns with the parameters established in the preceding table (whether it is anticipated to be less than or equal to 2 feet, or greater than 2 feet) in order to follow the corresponding guidance for your HLL System. The qualified person is responsible for reviewing the specific HLL system IFU, specific connecting component IFU and utilizing this product advisory to determine system compatibility.

Notes:

1. Anticipated free fall is different from maximum allowable free fall which is listed on an SRL product label. In the event of a fall, product misuse due to incompatibility could result in severe injury or death. Again, consult your authorized qualified person(s)* as appropriate. Appendix A includes a list of 3M™ DBI-SALA® and 3M™ Protecta® SRL products now being certified to ANSI/ASSP Z359.14-2021 and their corresponding arrest force categories, as a reference only.
2. 3M may choose to publish differing ANSI vs. OSHA performance arrest force claims. In the case of HLLs being OSHA only products, as there is no published ANSI standard pertaining to this product category, connecting components are evaluated for compatibility with HLLs based on OSHA arrest force performance claims.

Distributors

Please forward this Advisory to any of your customers/users who may have purchased affected products from you and provide any assistance requested by your customers, as necessary.

If you have any questions, please contact our Technical Service Team: call 1-800-328-6146 or email 3mfallprotectiontech@mmm.com. 3M remains committed to providing quality products and services to our customers. We appreciate your continued support of 3M Fall Protection products and services.

Appendix A

3M SRL OSHA Performance Arrest Forces	Compatible New SRLs (certified to ANSI/ASSP Z359.14-2021 or manufactured on or after August 1st, 2023), Descriptions
900 lbs AAF	3M™ DBI-SALA® Nano-Lok™ Edge Twin-Leg Personal Self Retracting Lifeline 3M™ DBI-SALA® Nano-Lok™ Edge Single-Leg Personal Self Retracting Lifeline 3M™ DBI-SALA® Ultra-Lok™ Self Retracting Lifeline, up to 50ft lengths 3M™ Protecta® Self-Retracting Lifeline, up to 50' lengths 3M™ Protecta® Edge Self-Retracting Lifeline, up to 33ft lengths 3M™ DBI-SALA® Sealed-Blok™ Self-Retracting Lifeline, 85 ft length
1350 lbs MAF	3M™ DBI-SALA® Nano-Lok™ Edge Twin-Leg Personal Self Retracting Lifeline 3M™ DBI-SALA® Nano-Lok™ Edge Single-Leg Personal Self Retracting Lifeline 3M™ DBI-SALA® Nano-Lok™ XL Self-Retracting Lifeline, 20ft length 3M™ DBI-SALA® Ultra-Lok™ Self Retracting Lifeline, up to 50ft lengths 3M™ Protecta® Self-Retracting Lifeline, up to 50' lengths 3M™ Protecta® Edge Self-Retracting Lifeline, up to 33ft lengths 3M™ DBI-SALA® Sealed-Blok™ Self-Retracting Lifeline, up to 50' lengths 3M™ DBI-SALA® Sealed-Blok™ Self-Retracting Lifeline, 85 ft length 3M™ DBI-SALA® Smart Lock Self-Retracting Lifeline
1500 lbs MAF or less	3M™ DBI-SALA® Nano-Lok™ Edge Twin-Leg Personal Self Retracting Lifeline 3M™ DBI-SALA® Nano-Lok™ Edge Single-Leg Personal Self Retracting Lifeline 3M™ DBI-SALA® Nano-Lok™ XL Self-Retracting Lifeline, 20ft length 3M™ DBI-SALA® Ultra-Lok™ Self Retracting Lifeline, up to 50ft lengths 3M™ Protecta® Self-Retracting Lifeline, up to 50' lengths 3M™ Protecta® Edge Self-Retracting Lifeline, up to 33ft lengths 3M™ DBI-SALA® Sealed-Blok™ Self-Retracting Lifeline, up to 50' lengths 3M™ DBI-SALA® Sealed-Blok™ Self-Retracting Lifeline, 85 ft length 3M™ DBI-SALA® Smart Lock Self-Retracting Lifeline 3M™ DBI-SALA® Smart Lock Edge Self Retracting Lifeline
1800 lbs MAF or less	All SRLs



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3M PSD products are occupational use only.

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