

DBI-SALA SHOCK ABSORBING LANYARDS

Innovation for Ease-of-use and Durability

DBI-SALA is known as an innovator who can design and build the products you need for all your fall protection challenges. The patented DBI-SALA snap hook with easy one-hand operation is the most popular in the industry. It's just one of the lanyard features that have enhanced worker productivity and safety. Available with over 20 different connectors to fit the application, DBI-SALA lanyards promote safety and enhance productivity.

Lanyards are flexible lines with a connector at each end used to connect the anchorage to the body support of a fall protection system. Lanyards should be connected to the back D-ring for fall arrest, located between the shoulder blades and ideally should be anchored above the worker to minimize fall distance. The worker should not walk too far from the overhead anchorage or a swing fall may occur.

SHOCK ABSORBING LANYARDS

Lanyards used for fall protection must include a shock absorber to dissipate the energy of the fall, limiting the forces on the body of the falling worker.



SHOCK ABSORBING STRETCH LANYARDS

For added flexibility and safety, the DBI-SALA ShockWave™ and EZ-Stop® Retrax™ lanyards are available with an expansion and contraction feature that allows them to be extended when length is needed and then contracted with the movement of the worker to avoid trips, falls and snags.



POSITIONING LANYARDS

Rope or web lanyards without shock absorbers may be used for applications that require positioning or restraint of a worker or if the fall possibility is less than 2' (0.6m).



DOUBLE LEG LANYARDS OR 100% TIE-OFF LANYARDS

(Two lanyards that are connected at one end.) This style of lanyard is used to provide 100% tie-off. It allows you to stay protected while you move from one location to another.



SPECIALTY SHOCK ABSORBING LANYARDS:

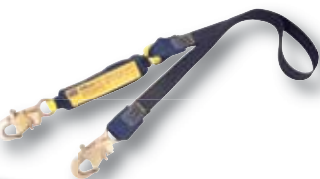
Tie-back Lanyards

When a qualified anchorage connector is not available, a tie-back lanyard acts as both a connecting means and an anchorage connector. There are two styles—one incorporates a movable D-ring on the lanyard for attaching the snap hook, and the other is designed for the hook to go around the webbing itself. This requires a specialty hook with a gate strength capacity of 5,000 lbs. (22kN).



Lanyards for Tying Off at the Feet

The DBI-SALA Force2™ shock absorbing lanyard allows for a 12' (3.7m) free fall and keeps the forces below the 1,800 lb. (8kN) OSHA limit.



Kevlar® Lanyards

Kevlar® is a special material that is safe for high temperature environments. Also available is a Nomex®/Kevlar® shock pack cover option for extra durability.



Web Loop Lanyards

Web loop lanyards help reduce electrical conductivity and are ideal for use with dorsal web loop arc flash harnesses.



Arc Flash Lanyards

Arc flash lanyards are made from specialized materials and arc tested to 40 cal/cm2 to meet the ASTM F887-05 standard.

What to look for in a Shock Absorbing Lanyard

WEBBING

Webbing is an important factor in the durability and safety of the lanyard. You want to ensure that the webbing is strong enough to endure rough use and exposure to sunlight and other elements without tearing or fraying. Nomex®/Kevlar® webbing is used for specialty applications such as welding that require fire resistance or when extra protection is need against arc flash hazards. Webbing may also be coated with polyurethane to provide protection against grease, oil, dirt and grime.

CABLE

Some lanyards are made of vinyl-covered cable for extra durability or when working in high heat environments.

SHOCK ABSORBER

Lanyards designed for use as part of a personal fall arrest system must contain an energy absorbing unit that will limit the force on the worker to below 1,800 lbs. (8kN) with up to a 6' (1.8m) free fall. Most manufacturers now keep the arresting forces below 900 lbs. (4kN). Shock absorbers come in pack or tubular styles depending on user preference.

IMPACT INDICATOR

If the lanyard has been used to arrest a fall or if the energy absorber has been deployed, the lanyard must be retired immediately. An impact indicator gives easy visual reference of a blown shock.



LENGTH

Standard lanyard length is 6'. A lanyard should be long enough to be user-friendly, but kept as short as possible to minimize the free fall distance. Knots should never be tied in lanyards to reduce their length as this can reduce the strength by 50%.

CONNECTOR/HOOK

Most lanyards are available with traditional auto-locking snap hooks. The popular patented DBI-SALA snap hook allows one-handed use with no pinching of thumbs or fingers. Lanyards can also be fitted with larger snap hooks or carabiners for connection to larger anchorages.

i-Safe™

Every DBI-SALA lanyard now comes with i-Safe™, the Intelligent Safety System that incorporates RFID and web-enabled communications technologies, providing you with the ability to centrally track inspections, control field inventory and manage critical safety information.

*One-handed, easy connections—
even with your gloves on!
Open and close without getting
your fingers in the way!*



DBI-SALA patented snap hooks are preferred in the industry!

Every DBI-SALA lanyard combines super strength and ease of use. All hardware is proof tested to industry standards, and our patented, user-friendly self-locking snap hooks are standard on all DBI-SALA lanyards. They allow you to open and close the hook even with gloves on without getting your thumb or fingers in the way. All lanyards exceed industry standards, including OSHA and ANSI Z359.1, CSA and CE approved models also available.



Shock absorbing lanyards are available in multiple configurations with a variety of anchorage hooks:

- A. Standard DBI-SALA patented snap hook with 3/4" (19mm) gate opening
- B. Aluminum rebar hook with 2-1/4" (57mm) gate opening
- C. Flat steel rebar hook with 2-1/2" (62.5mm) gate opening

NEW ANSI Z359 STANDARD

Under the new standard, snap hook and carabiner gates must withstand a 3,600 lb. load. Both DBI-SALA and PROTECTA branded products are available to meet the new standard. We've made ordering the 3,600 lb. hook gate option easy; 120 series lanyards will change to 123 and 122 series changes to 124 (ex. 1244306 with 3,600 lb. gate hooks would be 1244306)



Every DBI-SALA Lanyard delivers quality in design, materials and manufacture

SELECTION GUIDE

Product	Description	Recommended For	Line	Patented DBI-SALA Snap Hook	Tie-back	Retraction & Expansion	Arc Flash Rated ASTM F887-05
Shock-Wave2™	Stretchable to provide freedom of movement with unique inner core that limits arresting forces to no more than 900 lbs. (4kN)	<ul style="list-style-type: none"> • Utility & Maintenance • Plant Maintenance • Tower climbing • Ladder climbing • Bucket truck/aerial lifts 	1" (25mm) polyester webbing	✓		✓	✓
EZ STOP® II	Designed for versatility and available in many variations for optimum safety	<ul style="list-style-type: none"> • Utility & Maintenance • Plant Maintenance • Tower climbing • Ladder climbing 	1" (25mm) polyester, 1" (25mm) polyurethane coated webbing, 1-3/4" (44mm) Kevlar®, 7/32" (5.5mm) cable	✓	AVAILABLE		✓
EZ STOP® Retrax™	The first shock absorbing lanyard that retracts automatically to fit the working area	<ul style="list-style-type: none"> • Bucket truck • Aerial lift 	1" (25mm) polyester webbing	✓		✓	
WrapBax™ 2	Unique hook to provide 360°, 5,000 lb. (22kN) protection in any direction for safe tie-back	<ul style="list-style-type: none"> • Plant/Facility work • Bucket truck/ aerial lifts 	Heavy duty 13,000 lb. (57kN) webbing	✓	✓ 5,000 lb. (22kN) hook capacity		
Force 2™	Only shock absorbing lanyard rated for 12' (3.7m) free fall on the market	<ul style="list-style-type: none"> • When no overhead anchorage is available • Use as a standard lanyard for increased capacity for 311-420 lbs. (141-190kg) 	1" (25mm) polyester webbing	✓	Force2™, WrapBax™ 2 AVAILABLE		
EZ STOP® III	Designed for versatility and available in many variations for optimum safety	<ul style="list-style-type: none"> • Utility & Maintenance • Plant/Facility work 	1-3/8" (35mm) tubular webbing	✓			
Positioning	Durable, high quality lanyards for non-fall arrest applications	<ul style="list-style-type: none"> • Plant/Facility work • Utility & Maintenance 	Nylon or polyester rope, 1" (25mm) polyester webbing Rebar: Twist link chain	✓			

EZ STOP® SHOCK ABSORBING LANYARDS

EZ Stop® Lanyards are manufactured with the highest quality to ensure safety and meet the strictest standards. EZ Stop® II lanyards utilize a controlled tearing action when subjected to fall arrest forces, limiting arresting forces to 900 lbs. (4 kN) or less.

- DBI-SALA patented double locking snap hooks
- Soft cover shock absorber for comfort
- Many lengths & hook options available to fit your job site needs

EZ STOP® II SHOCK ABSORBING LANYARDS

Heavy, double woven 1" (25mm) polyester webbing and box stitching for durability and longevity.

Single-Leg
1240006
(1220006C
in Canada)



Double-Leg
100% Tie-Off
1240406
(1220406C in
Canada)



Double-Leg
100% Tie-Off
Tie-Back
1241206
(1221206C
in Canada)



Single Leg
Tie-Back
1240068
(1220068C
in Canada)



EZ STOP® RETRAX™ SHOCK ABSORBING LANYARDS

EZ Stop® Retrax™ is the first shock absorbing lanyard that retracts automatically to fit the working area - a unique alternative to elasticized lanyards.

- Spring technology retracts & expands from 2-1/2' to 6' (0.6 to 1.8m)
- Smooth retraction without irritating lock-ups
- Adjustable retraction length to allow the user to limit retraction

Single-Leg **1241460** (1221460C in Canada)



Web Loop **1241463** (1221463C in Canada)



Retrax™ in Motion



EZ STOP® II ARC FLASH SHOCK ABSORBING LANYARDS

Arc flash lanyards are made from specialized materials and arc tested to 40 cal/cm2 to meet the ASTM F887-05 standard.

Single-Leg
1240861
(1220861C
in Canada)



Double-Leg
1240536
(1220536C
in Canada)



Kevlar® Web
1240870
(1220870C
in Canada)



EZ STOP® SHOCK ABSORBING LANYARDS

Model #	Type	Single Leg	Double Leg	Tie-back	Length	Connectors (3,600 lb. gates)	Additional
1240006	EZ Stop® II	✓			6' (1.8m)	Standard hooks	
1240068	EZ Stop® II	✓			6' (1.8m)	Choker web loop, Standard hook	
1240256	EZ Stop® II	✓			6' (1.8m) adj.	Standard hooks	Adjustable
1240706	EZ Stop® II	✓			6' (1.8m)	Standard hooks	7/32" (6mm) vinyl coated cable
1240558	EZ Stop® II	✓			6' (1.8m)	Standard hooks	Kevlar® webbing
1240406	EZ Stop® II		✓		6' (1.8m)	Standard hooks	
1240416	EZ Stop® II		✓		6' (1.8m)	1 Standard/2 Alum. rebar	
1241106	EZ Stop® II	✓		✓, D-ring	6' (1.8m)	Standard hooks	Abrasion resistant tubular wear jacket
1241206	EZ Stop® II		✓	✓, D-ring	6' (1.8m)	Standard hooks	Abrasion resistant tubular wear jacket
1240860	EZ Stop® II Arc Flash	✓			6' (1.8m)	Standard hooks	Coated web & Nomex®/Kevlar® shock pack, ASTM F887-05
1240861	EZ Stop® II Arc Flash		✓		6' (1.8m)	Nomex®/Kevlar® choker web loop, standard hook	Coated web & Nomex®/Kevlar® shock pack, ASTM F887-05
1240535	EZ Stop® II Arc Flash		✓		6' (1.8m)	Standard hooks	Coated web & Nomex®/Kevlar® shock pack, ASTM F887-05
1240536	EZ Stop® II Arc Flash		✓		6' (1.8m)	Nomex®/Kevlar® choker web loop, standard hook	Coated web & Nomex®/Kevlar® shock pack, ASTM F887-05
1240870	EZ Stop® II Arc Flash	✓			6' (1.8m)	Standard hooks	Kevlar® web & Nomex®/Kevlar® shock pack, ASTM F887-05
1240871	EZ Stop® II Arc Flash	✓			6' (1.8m)	Nomex®/Kevlar® choker web loop, standard hook	Kevlar® web & Nomex®/Kevlar® shock pack, ASTM F887-05
1241460	EZ Stop® Retrax™	✓			6' (1.8m)	Standard hooks	Retracts automatically
1241463	EZ Stop® Retrax™	✓			6' (1.8m)	Choker web loop, standard hook	Retracts automatically
1241480	EZ Stop® Retrax®		✓		6' (1.8m)	3 Standard hooks	Retracts automatically

NOTE: All part numbers above are available in Canada with standard gated hooks. To order, change (124) to (122) and add a "C" at end of part number. e.g. 1220006C.

SHOCKWAVE2™ AND SHOCKWAVE2™ ARC FLASH SHOCK ABSORBING LANYARD

The ShockWave™ is uniquely designed to expand and contract with use in reaction to the worker's movements. It stays out of the worker's way when not in use, avoiding trips and snags. The ShockWave2™ impact indicator provides easy visual evidence if the shock has been blown through a fall or improper use. Limits arresting forces to 900 lbs. (4kN) or less.

- Expands to 6' (1.8m) and contracts to 4.5' (1.4m)
- Unique inner core that immediately extends and absorbs energy during a fall
- Impact indicator allows user to visually inspect unit
- Available in twin-leg 100% tie-off style
- Standard web is polyester, arc flash models incorporate Nomex®/Kevlar® web, arc tested to 40 cal/cm2 to meet the ASTM F887-05 standard

Single-leg with Standard Hook Ends **1244306**



Single-leg with Standard Hook and Choker Web Loop **1244310**



Arc Flash, Single-Leg, Standard Hook and Choker Web Loop **1244611**



Arc Flash, Double-Leg with Standard Hook Ends **1244630**



Double-Leg with Aluminum Rebar Hook Ends **1244409**



SHOCKWAVE2™						
Model #	Single Leg	Double Leg	Arc Flash Rated	Retraction & Expansion	Length	Connectors (3,600 lb. gates)
1244306 <small>1224306C in Canada</small>	✓			✓	6' (1.8m)	Standard hooks
1244310	✓				6' (1.8m)	Choker web loop, standard hook
1244311	✓			✓	6' (1.8m)	1 standard/1 aluminum rebar hook
1244321	✓			✓	6' (1.8m)	1 standard/1 flat steel rebar hook
1244406 <small>1224306C in Canada</small>		✓		✓	6' (1.8m)	3 standard hooks
1244413		✓		✓	6' (1.8m)	Choker web loop, standard hooks
1244409		✓		✓	6' (1.8m)	1 standard/2 aluminum rebar hooks
1244412		✓		✓	6' (1.8m)	1 standard/2 flat steel rebar hooks
1244610	✓		✓	✓	6' (1.8m)	Standard hooks
1244611	✓		✓	✓	6' (1.8m)	Nomex/Kevlar Choker web loop, standard hooks
1244612	✓		✓	✓	6' (1.8m)	1 standard hook/1 aluminum rebar hook
1244613	✓		✓	✓	6' (1.8m)	1 standard hook/1 flat steel rebar hook
1244630		✓	✓	✓	6' (1.8m)	Standard hooks
1244631		✓	✓	✓	6' (1.8m)	Nomex/Kevlar Choker web loop, 2 standard hooks
1244632		✓	✓	✓	6' (1.8m)	1 standard hook/2 aluminum rebar hooks
1244633		✓	✓	✓	6' (1.8m)	1 standard hook/2 flat steel rebar hooks

NOTE : Available in Canada with standard gated hooks where specified above

WRAPBAX™2 TIE-BACK SHOCK ABSORBING LANYARDS

WrapBax™2 provides the worker with a tool they will use safely, eliminating the need for a separate anchorage connector, reducing inventory and cost, simplifying inspections, training and improving compliance. The WrapBax™2 hook offers a unique look to easily differentiate from standard hooks and provides true 5,000 lbs. (22kN) strength—even on the gate. Limits arresting forces to 900 lbs. (4kN) or less; Force2™ style limits forces to 1,800 lbs. (7kN) or less.

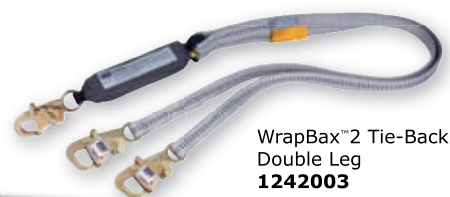
- 5,000 lb. (22kN) hook capacity from every direction, including the gate
- Heavy duty webbing provides five times more abrasion resistance, making it ideal for tying off on rough surfaces
- Industry preferred easy-to-use, one-handed operation found on DBI-SALA patented snap hooks
- Unique hook design makes it easily differentiated from standard snap hooks to eliminate confusion on the jobsite for added safety

WRAPBAX™2					
Model #	Single Leg	Double Leg	Tie-back	Length	Connectors
1241906 <small>1221906C in Canada</small>	✓		✓	6' (1.8m)	WrapBax™2 hook
1241907	✓		✓	6' (1.8m)	Choker web loop, WrapBax™2 hook
1242003 <small>1222003C in Canada</small>		✓	✓	6' (1.8m)	WrapBax™2 hook
1242004		✓	✓	6' (1.8m)	Choker web loop, WrapBax™2 hook
1242102	✓		✓	6' (1.8m)	Force2™, WrapBax™2 hook
1242128		✓	✓	6' (1.8m)	Force2™, WrapBax™2 hook

NOTE : Available in Canada with standard gated hooks where specified above



WrapBax™2 Tie-Back Single Leg **1241906**



WrapBax™2 Tie-Back Double Leg **1242003**

EZ STOP® III SHOCK ABSORBING LANYARDS

EZ Stop® III shock absorbing lanyards are lightweight and compact; their simple design integrates the shock absorber for reduced weight and bulk. They utilize a stretching action (instead of tearing action) when subjected to fall arrest forces, limiting arresting forces to no more than 900 lbs. (4kN). 1-3/8" (35mm) tubular webbing for durability and strength. **1224006**



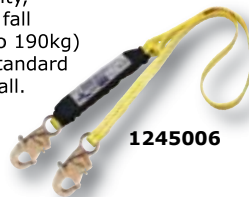
EZ STOP® III			
Model #	Single Leg	Length	Connectors
1244006	✓	6' (1.8m)	Standard hook
1244103	✓	6' (1.8m)	Choker web loop, standard hook

NOTE : Not available in Canada

FORCE2™ SHOCK ABSORBING LANYARD

Force2™ shock absorbing lanyard is used when there is no overhead anchorage and your only option is to tie-off at your feet. It can be used for up to a 12' (3.7m) free fall and limits the arresting forces below OSHA's limits. It can also be used as a standard lanyard for work-ers that require a capacity of 311 lbs. to 420 lbs. (141kg to 190kg).

- OSHA approved for tying off at the feet
- Soft shock absorber cover for comfort
- Dual Capacity Rating:
 - Up to 310 lbs. (140kg) capacity, can be used for a 12' (3.7m) fall
 - 311 lbs. to 420 lbs. (141kg to 190kg) capacity—can be used as a standard lanyard for a 6' (1.8m) free fall.
- Limits arresting forces to 1,800 lbs. (7kN) or less.



FORCE2™					
Model #	Single Leg	Double Leg	Tie-off at Feet	Length	Connectors
1245006	✓		✓	6' (1.8m)	Standard hook
1245013	✓		✓	6' (1.8m)	Choker web loop, aluminum carabiner
1245176		✓	✓	6' (1.8m)	3 Standard hooks

NOTE : Force2™ Lanyards are NOT CSA approved.

POSITIONING & RESTRAINT LANYARDS

These lanyards provide the ultimate in durability and safety for non-fall arrest applications.

Rope Lanyards

- Nylon or polyester rope with five-tuck splice and exclusive seizing method to hold the connection and prevent unweaving

Web Lanyards

- Built-in wear indicator in the webbing alerts when there is excess abrasion

Rebar Hook Assemblies

- Made of twist link chain for strength and durability. Variety of hooks provide safe and compatible connections to many types of structures. Web option also available

POSITIONING & RESTRAINT					
Model #	Type	Single Leg	Double Leg	Length	Connectors (3,600 lb. gates)
1231106 <small>1201106C in Canada</small>	Positioning web	✓		6' (1.8m)	Standard hook
1231016 <small>1201016C in Canada</small>	Positioning web	✓		6' (1.8m) adjustable	Standard hook
1232354	Positioning 1/2" (12.7mm) twisted rope	✓		6' (1.8m)	Standard hook
1232209	Positioning 1/2" (12.7mm) twisted rope	✓		6' (1.8m) adjustable	Standard hook
5920051	Chain rebar assembly		✓	22" (56cm)	2 standard, 1 aluminum rebar hook
1231380 <small>1201380C in Canada</small>	Web rebar assembly		✓	18" (45cm)	2 standard, 1 aluminum rebar hook

NOTE : Available in Canada with standard gated hooks where specified above

Chain Rebar Assembly
Aluminum rebar hook at center
5920051



Web Rebar Assembly
1" (25mm) polyester webbing
1231380



Rope Lanyard
1/2" (12.7mm) nylon rope
1232354



Web Lanyard
1" (25mm) polyester constructed webbing
1231106

