

# 3M™ DBI-SALA® EZ-Stop™ Shock Absorbing Lanyards

## Technical Data Sheet

### Description

3M™ DBI-SALA shock absorbing lanyards combine strength and ease of use providing a safe and secure means of connecting your fall protection harness to a secure anchorage point. They are designed to quickly and effectively arrest a fall. Whilst minimising shock loads on the body. Ideal for Fall Arrest, Work Positioning and Restraint.

### Features

- General purpose fall arrest lanyard suitable for fall arrest, work positioning and restraint.
- Minimises shock loads on the body limiting the arresting forces to under 6kN in the event of a fall.
- Elasticated models reduce trip fall hazards, dragging and catching for complete freedom of movement.
- Adjustable lanyards allow the user to have a shorter tie-off point, and minimize free fall/work positioning distance, adjusts from 750mm to 2 metres in length.
- Double tail style lanyards help you remain connected at all times.
- Constructed from heavy duty 45mm polyester grey webbing or 11mm kernmantle rope for durability and longevity.
- Shock absorbing unit encased in UV resistant transparent plastic for easy inspection.
- Lanyard and shock pack stitching visible for easy inspection.
- Protected Labels for durability and longevity.
- Rated to 160kg – ideal for all workers regardless of shape, size and weight.
- Connected Safety enabled to track inspections, control inventory and manage information.
- Ideal for use in all kinds of industrial environments and applications.

### Standards

Standards AS/NZS 1891.1



### Maintenance/Cleaning

Personal Fall Protection Products manufactured from webbing should be cleaned periodically to help extend the life expectancy of the product and maintain an acceptable level of performance.

Frequency: Past testing indicates that laundering does not contribute to strength loss, although it has been observed that commercial washing could cause abrasion between metal hardware elements and webbing straps, as well as degradation of product markings.

Laundered products must be inspected before use to determine if the product is acceptable.

Laundering procedure: High pressure power type washers and steam cleaners should be avoided when cleaning web products because of potential harm to the web fibres

Two acceptable procedures are detailed below:

- Hand Scrubbing
- Mild bleach free laundry detergent is acceptable.

Machine wash is not advised for shock absorbing lanyards due to problems with drying the tightly rolled up web that is also covered. Hand wash of the cover only.

## Specifications

### 3M™ DBI-SALA® EZ-Stop™ Shock Absorbing Lanyards

Webbing	Polyester webbing – 45mm
Kernmantle Rope	11mm diameter, Minimum tensile strength- 25kN, polyester cover, braided over a nylon core, low stretch, torque-balance.
Thread	Polyester
Adjuster Webbing Models	Spring loaded, Fall arrest rated drop forged steel.
Adjuster Rope Model	Manual rope adjuster, Steel.
Capacity	50-160kg (combined weight of person, tools, clothing, etc.)
Activation	Activates at a minimum force of 2kN.
Maximum Arresting Force	Impact force on user is kept below 6kN (in the event of a fall).
Lanyard Extension	In the event of a fall lanyard may extend an additional length of 1.75m.
Compatibility	Designed for use with 3M Fall Protection approved harness, components or systems, or as recommended by a competent person.
Country of Origin	Australia
Special Instructions/ Conditions of Use	Reading user instruction manual prior to use is essential. If a dorsal extension is part of your harness the maximum lanyard assembly is 2m minus the length of the dorsal extension

## Product Life and Inspection

Any piece of equipment including both personal and permanently installed items, which has been used to arrest a fall or which shows any defect during operator or periodic inspection shall be withdrawn from service immediately and a replacement obtained if necessary.

A label indicating the condition or defect must be attached to the equipment, and it must be examined by a competent person who will decide whether the equipment is to be destroyed or repaired/recertified if necessary and returned to service.

Inspection frequency requirements must be followed according to AS/NZS 1891.4 or 3M's user instructions. 3M may recommend more frequent inspection and recertification if the product is exposed to a harsh environment or rugged use. All inspection and maintenance data must be recorded in an inspection and maintenance log maintained by the company.

## Ordering Information

3M Code	Model #	Hardware Harness	Hardware Anchorage	Lengths	Weight (Approx.)	Tails	Flat Webbing	Elasticated Webbing	Adjustable	Rope
70007931259	Z8-69-69	R-105-S-CE	R-105-S-CE	300mm	0.85kg	Single	•			
70007927695	Z90203636	9503319	9503319	2m	1.30kg	Single	•			
70007926648	Z51200934	9502116	07153	2m	1.10kg	Single	•		•	
70007926887	Z51203636	9503319	9503319	2m	1.10kg	Single	•		•	
70007933925	Z51204545	R-119	R-119	2m	1.15kg	Single	•		•	
70007928750	Z90203634E	9503319	07153	2m	1.05kg	Single		•		
70007928750	Z90203636E	9503319	9503319	2m	1.40kg	Single		•		
70007927133	Z60203634E	9503319	07153	2m	2.20kg	Twin		•		
70007936183	Z20203636	9503319	9503319	2m	1.25kg	Single				•

## Important Notice

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The mounting and use of the product described within this document assumes that the user has previous experience of this type of product and that it will be assembled by a competent professional according to product documentation. Before any use of this product it is recommended to complete some trials to validate the performance of the product within its expected application.

All information and specification details contained within this document are inherent to this specific 3M product and would not be applied to other products or environment. Any action or usage of this product made in violation of this document is at the risk of the user.

Compliance to the information and specification relative to the product contained within this document does not exempt the user from compliance with additional guidelines (safety rules, procedures). Compliance to operational requirements especially in respect to the environment and usage of tools with this product must be observed. 3M (who cannot verify or control these elements) would not be held responsible for the consequences of any violation of these rules which remain external to its decision and control.

Warranty conditions for products are determined with the sales contract documents and with the mandatory and applicable law, excluding any other warranty or compensation.



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AV019443918