



SPECIFICATION SHEET

SDE Double Lanyard Trademark: ULTRA SAFE

Firing load ABS: 3 kN
Breaking load: 22 kN
Color: Red

Tapes

Double tubular tape 20 mm wide, stitched together, made of 100% Polyamide-high tenacity yarn - High tenacity filaments grant a greater resistance greater than the other conventional filaments.

Seams

Developed and tested individually performed on automatic machines allow the operator greater control of quality and best performance.

Zig-Zag stitching system - sewing continues providing a high strength located.

Stitching thread

Made of 100% Polyamide filament that provides greater resistance to friction and other aggression. Use contrasting colors to the tapes for optimal viewing and inspection.

Visual alert of wear - Internal signage on the tape indicates that the lanyard must be discarded.

Energy absorber - Has plastic protective cover of heat shrinkable plastic. Its unique design allows the shock absorber keep its structure intact, even after fires, as it has a all-around backup tape. This guarantees an extra security on worker retention after a fall. As a result of the full extension of the opened absorber - only 43 cm- the Fall-free zone (ZLQ) allows the worker to perform work at distances closer to ground zero.

Closed absorber: 12 cm / **Opened absorber open:** 43 cm.

CAs Related

34331Harness Torino	34364Harness Potenza Plus e Potenza Plus ELK
34348Harness Torino Plus	34347Harness Verona e Verona EC
34352Harness Torino Lock	34346Harness Verona Lock DE
34330Harness Torino Fita Plus	34354Harness Argo
34329Harness Torino Ligth	34365Harness Peitoral Argo
34334Harness Potenza Abd	34332Harness Argo Basic
34353Harness Potenza	34351Harness Albero

Technical description

Double lanyard with shock absorber for restriction and retention of falls and handling in structures, made of double tape high tenacity polyamide of 20 mm with visual alert procedure; has slots at the ends with options for connectors.

Recommended use

Protection against falling in horizontal and vertical drives.

Codes	Anchorage connectors	Connector material	Total Length (L1)	Weight approx.	Firing load	Breaking load	ZLQ - m
USL0052A5600	MGO 56	Steel	1,08 m	1287 g	3 kN	22 kN	4,00 m
USL0052B0000	MGO 60	Aluminum	1,09 m	1182 g	3 kN	22 kN	4,00 m
USL0052C0000	MGO 110	Aluminum	1,20 m	2104 g	3 kN	22 kN	4,10 m



ENERGY ABSORBER

Device made with "pigeon wing" structure that generates impact less than 6 kN and reduces its size (12 cm closed) and its opening after being triggered (43 cm).

Its construction maintains a tubular tape mounted around the absorber that functions as backup (breaking load 22 kN), which guarantees the integrity of the structure of the lanyard even after fires, representing an extra security to the worker after a big fall (factor 2).



PROTECTION OF THE CONNECTING RINGS

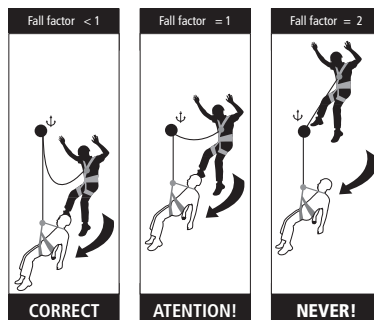
All Ultra Safe safety lanyards come with a protective tape on the ends of these equipment, minimizing the wear produced by direct contact with the connectors.

SPECIFICATION SHEET

Recommendations

- 1 Avoid the connection points below the line of connection with the belt.
- 2 Do not expose yourself to the risk of Fall factor 2*-Risk of life for the user. Notes 1 and 2
- 3 The connection with the belt must always be done by the energy absorber.
- 4 After firing the shock absorber and fulfill the function of absorbing the energy produced by the fall, the lanyard must be discarded.
When used in locations close to the ground or structures, respecting the overall length of the lanyard after fires: Total length of lanyard L1 (considering the connectors) + Length of absorber (opened) + Maximum Distance between the feet of the user and the anchor points (approx. 1, 5 m) + Safety margin (approx. 1 m), because in these conditions there is no risk of impact against the ground or structure. Note 3.
- 5 Never store damp or wet equipment inside bags and backpacks closed.
- 6 Read the General instructions in the Manual supplied with the product

Note 1 - Fall factor = Height of drop / Lanyard length (L1)



Note 2 - Attention to the ZLQ marking on the yellow label sewn onto lanyard

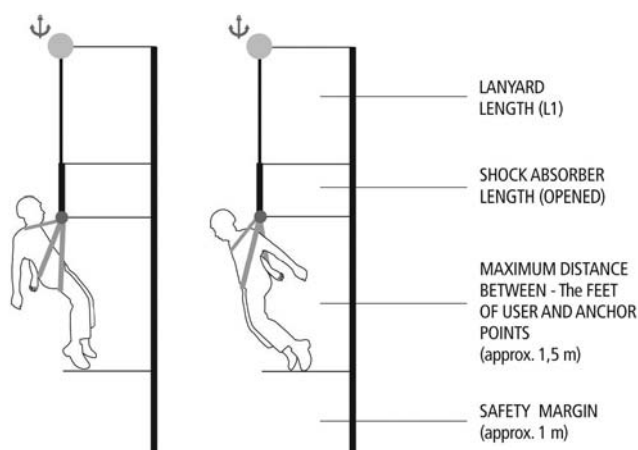


Note 3 - Please calculate ZLQ before starting a job

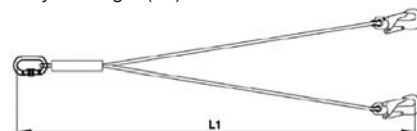
Fall factor = height of drop lanyard length (L1)

How to calculate Free Fall Zone (ZLQ)

Lanyard length (L1) + Opened shock absorber + Maximum distance + Safety margin



Lanyard length (L1)





FICHA TÉCNICA

ADVANTAGES AND BENEFITS OF ULTRASAFE SAFETY LANYARDS WITH THE NEW ENERGY ABSORBER

- New exclusive design allows you to have an extremely compact absorber, safe and efficient;
- It has a very compact volume: when closed, the absorber has 12 cm length and 4.5 cm width. The absorber is safe, since after fires he starts shooting with 3kN and supports a maximum load 22 kN, while still maintaining its structure intact: the absorber has a strengthening of ribbon around, which acts as a backup and increase the security;
- It is efficient because its length after being fired as a result of a fall, is only 43 cm. This allows the user to have a Free Fall zone (ZLQ) smaller, allowing you to work closer to the surface safely);
- This product complies with standards NBR 15834 (lanyard) and NBR 15629 (shock absorber).