Technical Specifications

Miller® Kernmantel single fall arrest lanyards

Description:



EDGE TESTED

Fall arrest lanyards will allow the worker to fall but prevents him from hitting the next lower level, such as the ground, (if well attached). It includes a shock absorber that dissipates the forces exerted on the body in the case of a fall to stay below 6Kn.

Features :



- **Material:**
  Kernmantel ∅11mm
  Sheath: Polyester
  Core: Polyamide
- **Lanyard:**
  Protective cover for the shock absorber
  EN355 / VG 11 PFE 11.074
  Breaking strength of the rope : > 22 kN
  Temperature of use : -30°C à +50°C

Benefits:

- The new lanyards have been edge tested. They are manufactured with high quality kernmantel ropes and have special cut resistance for safe working on edges (r>= 0,5mm).
- The Kernmantel rope is 2 times more resistant to the abrasion than the other standard ropes.

New design:

- The new kernmantel lanyards are manufactured with a light green rope with black stripes, which are highly visible from a distance increasing safety at work.
- The stitches are highly visible which facilitates the safety check before use.

A wide range of products for every worker's situation:

This new range of Miller kernmantel fall arrest lanyards offers a large choice ensuring there is an option for each work situation.

HONEYWELL FALL PROTECTION FRANCE SAS
35-37 rue de la Bidauderie
F - 18100 Vierzon - France
Tel : +33 2 48 52 40 40
Fax : +33 2 48 71 04 97
Web site : www.honeywellsafety.com

References	Description	User connector	Anchorage connector	Weight
1032363	Abs lanyard kern . 0,8m ET	THIMBLES		0,260Kg
1032364	Abs lanyard kern. 1,3m ET			0,300Kg
1032365	Abs lanyard kern. 1,8m ET			0,350Kg
1032366	Abs lanyard kern. 1m + 2CS20 steel 17mm ET			0,590Kg
1032367	Abs lanyard kern. 1.5m +2CS20 steel 17mm ET			0,630Kg
1032368	Abs lanyard kern. 2m + 2CS20 steel 17mm ET			0,680Kg
1032369	Abs lanyard kern. 1m + 2QT steel 17mm ET			0,600Kg
1032370	Abs lanyard kern. 1.5m + 2QT steel 17mm ET			0,644Kg
1032371	Abs lanyard kern. 2m + 2QT steel 17mm ET			0,690Kg
1032372	Abs lanyard kern. 1m + 1QT steel 17mm +1GO55 steel 55mm ET			0,950Kg
1032373	Abs lanyard kern. 1.5m + 1QT steel 17mm +1GO55 steel 55mm ET			0,990Kg
1032374	Abs lanyard kern. 2m + 1QT steel 17mm +1GO55 steel 55mm ET			1,040Kg
1032375	Abs lanyard kern. 1m + 1QT alu. 17mm +1GO60 aluminium 60mm ET			0,600Kg
1032376	Abs lanyard kern. 1.5m + 1QT alu. 17mm +1GO60 aluminium 60mm ET			0,630Kg
1032377	Abs lanyard kern. 2m + 1QT alu. 17mm +1GO60 aluminium 60mm ET			0,680Kg
1032378	Abs lanyard kern. 1m + 1QT alu. 17mm +1GO65 aluminium 63mm ET			0,830Kg
1032379	Abs lanyard kern. 1.5m + 1QT alu. 17mm +1GO65 aluminium 63mm ET			0,870Kg
1032380	Abs lanyard kern. 2m + 1QT alu. 17mm +1GO65 aluminium 63mm ET			0,920Kg
1032381	Abs lanyard kern. 1m + 1QT alu. 17mm +1snap aluminium 26mm ET			0,450Kg
1032382	Abs lanyard kern. 1.5m + 1QT alu. 17mm +1snap aluminium 26mm ET			0,490Kg
1032383	Abs lanyard kern. 2m + 1QT alu. 17mm +1snap aluminium 26mm ET			0,550Kg
1032408	Abs lanyard kern. 1,5 m + 2 Trilock Alu. karabiner			0,890 Kg
1032409	Abs lanyard kern. 2 m + 2 Trilock Alu. karabiner			0,990 Kg

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1032410	Abs lanyard kern. 1,5 m +1 Trilock Alu. karabiner + 1 GO65 63 mm aluminium ET			0,870 Kg
1032411	Abs lanyard kern. 2 m +1 Trilock Alu. karabiner + 1 GO65 63 mm aluminium ET			0,920 Kg
1032610	Abs lanyard kern. 1,5 m +1 QT Alu. + 1 GO100 110 mm aluminium ET			1,350 Kg
1032611	Abs lanyard kern. 2 m +1 QT Alu. + 1 GO100 110 mm aluminium ET			1,400 Kg
1032399	Abs lanyard kern. 1m + 1QT alu. 17 mm +1GO30 aluminium 30 mm ET			0,550 Kg
1032400	Abs lanyard kern. 1,5 m + 1QT alu. 17 mm +1GO30 aluminium 30 mm ET			0,600 Kg
1032401	Abs lanyard kern. 2 m + 1QT alu. 17 mm +1GO30 aluminium 30 mm ET			0,650 Kg

Q.T = twist lock karabiner

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PPE are products classified in category III, mortal risks, and as such they have to be the object of a periodic inspection for less than twelve months at the time of its use by the qualified person.

For more information, please contact our technical team at 02 48 52 40 42 or by e-mail techniserv.hsp@honeywell.com

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Figure 2: comparison of fall factors before and after a fall.

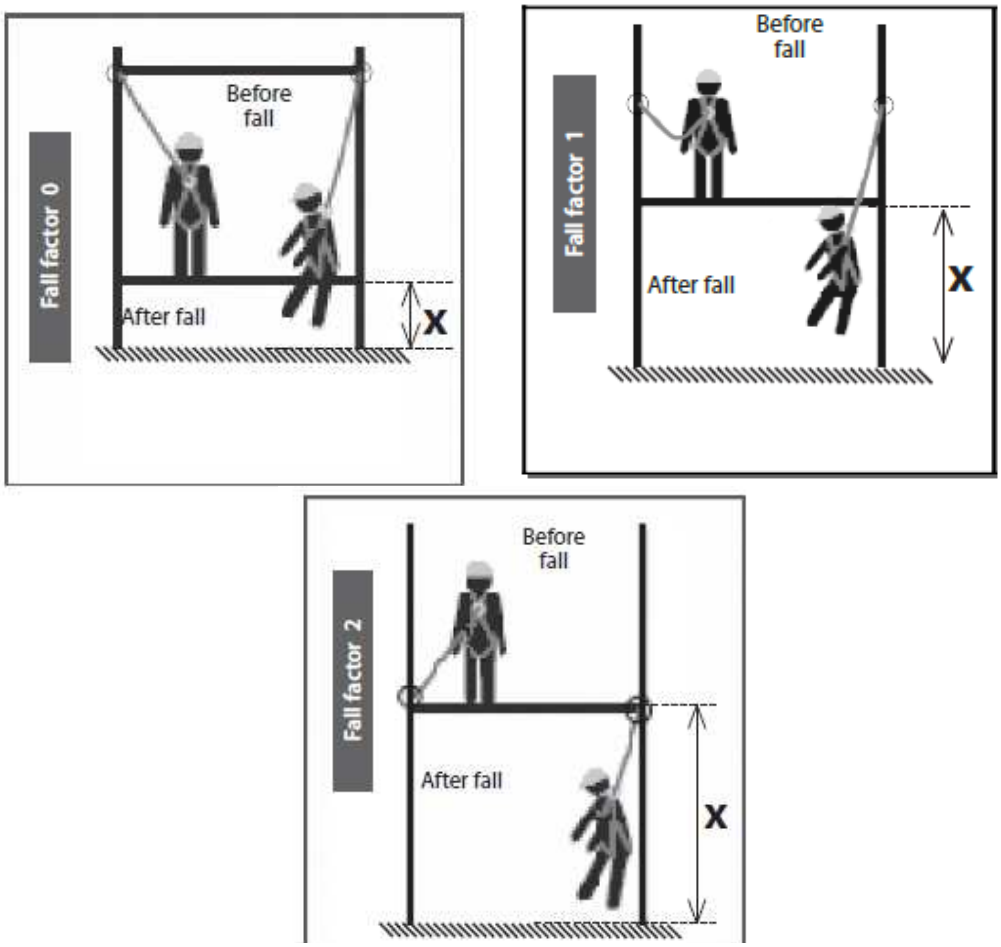

Figure 3

		fall factor (X)		
		0	1	2
Webbing length	2 m	X=1.7 m*	X=4.2 m*	X=6.2 m*
	1.5 m	X=1.65 m*	X=3.5 m*	X=5.5 m*
	1 m	X=1.6 m*	X=2.75 m*	X=4.5 m*

* included 1 m safety distance

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