

Product: Energy Absorbing Lanyards

Type: FD40 Flex: Lanyard 1.80 m, Y-Lanyard 1.80 m (EN/ANSI)

Product description

The lanyard with shock absorber is part of personal protective gear for fall protection and should belong to the user personally. It consists of a shock absorber FD40 MAX, a Mittelmann elastic webbing B35 and one or two karabiners on the ends of the lanyard. Together with a body harness it can be connected to an anchor point. The energy absorber FD40 MAX is compliant with ANSI/ASSP Z359.13 and EN 354:2010 and has the function of reducing the shock force that is affecting persons and the entire safety system.



Lanyard
(FD40 Flex)

⇒ item number **180910**

Y-Lanyard
(FD40 Flex)

⇒ item number **181060**

⇒ customs tariff number **63079098**



Technical specification:

Max. length:	6 ft = 1.8 m	
Max. elongation engaged energy absorber:	12 ft = 3.6 m	
Min. nominal load EN:	110 lbs = 50 kg	
Min. nominal load:	130 lbs = 59 kg	
Max. nominal load:	310 lbs = 140 kg	
Tested free fall (FF) distance:	12 ft FF = 3.6 m FF	
Max. arresting force:	1800 lbs = 8 kN	
Avg. arresting force:	1350 lbs = 6 kN	
Life span:	10 years	
Environmental Temperature:	Min. - 40 °C - 40 °F	Max. + 60 °C + 140 °F

Application areas:

Protection from falling from height
Work positioning / retaining from edges

Standards:

ANSI/ASSP Z359.13-2013	Energy Absorbing Lanyards
DIN EN 354:2010	Lanyards
DIN EN 355:2002	Energy Absorbers

The lanyard with integrated energy absorber can be used with horizontal installation with an exposure over one edge ($r_{\min} = 0,5\text{mm}$).

