



Personal Fall Limiter

[TurboLite PPL Product Page](#)

Frequently Asked Questions

Q1. Why develop the Miller TurboLite Personal Fall Limiter?

A1. The typical worker has a strong preference to use fall protection equipment that is as small and lightweight as possible. The vast majority of these workers use standard shock-absorbing lanyards due to the light weight and lower cost of these products as compared to self-retracting lifelines. However, frequently shock-absorbing lanyards are incorrectly used in applications not providing adequate fall clearance. The Miller TurboLite PFL provides a safe alternative requiring less fall clearance, and as close to the weight and cost of a shock-absorbing lanyard as possible.

Q2. What is a Personal Fall Limiter?

A2. A Personal Fall Limiter (PFL) is a self-retracting lanyard (SRL) that can be comfortably worn and attached to the back D-ring of a worker's harness. Like a shock-absorbing lanyard, it is conveniently positioned and ready for use. Alternatively, the TurboLite PFL can be mounted overhead like a traditional self-retracting lifeline.

Q3. Should I buy the Miller TurboLite PFL instead of a shock-absorbing lanyard?

A3. The answer in most cases is "Yes." The TurboLite PFL is a better defense against falls than a shock-absorbing lanyard. **First**, the TurboLite PFL has been priced to entice a loyal shock-absorbing lanyard user to step-up to a better fall protection alternative. **Second**, a TurboLite PFL requires less fall clearance because it arrests a fall within inches. **Third**, if a fall occurs, the worker is suspended a short distance below the work surface, making the rescue easier and safer for both the fallen worker and the rescuer. **Finally**, it eliminates tripping hazards by keeping the lifeline taut and out of the way.

Q4. What is the length of the TurboLite PFL?

A4. The length (sometimes referred to as the working capacity) is 6 feet when the lanyard is fully extended – distance from the unit anchorage to the lanyard snap hook.

Q5. What is the capacity rating for the TurboLite?

A5. The maximum weight of the worker, including all tools, is 400 lbs. (181.4kg).

Q6. What advantages does the TurboLite PFL offer over competitive self-retracting lanyards?

A6. The TurboLite PFL is the lowest priced and lightest weight SRL on the market today. It provides an on-going cost-savings for the end-user because it does not require annual factory recertification. Many competitive units require annual recertification. The TurboLite PFL is designed with corrosion-resistant stainless steel, aluminum and high

impact composite internal components. Many competitive units have carbon steel internal parts which are less resistant to corrosion. The TurboLite PFL also offers ultra-smooth, super-quiet lifeline payout and retraction, with a slight tension that is barely noticeable.

Q7. What is the construction of the TurboLite PFL?

A7. The TurboLite PFL has a high impact nylon housing that provides protection to the units internal components and is lightweight when attached to the back D-ring of a harness. The braking mechanism, power spring and shaft are all constructed of high-quality, corrosion-resistant stainless steel. The hub of the unit is a patented shock-absorbing engineered co-polymer. The lanyard webbing has a 1-inch wide Vectran[®] core and polyester outer jacket that is specially engineered for maximum abrasion resistance and durability. The TurboLite PFL is constructed to endure a rigorous work environment.

Q8. Can the TurboLite PFL be used in a corrosive environment?

A8. Yes, since all of the components used in the construction of the TurboLite PFL are made from corrosion-resistant stainless steel, aluminum or composite materials. Additionally, all external hardware and anchorage connectors are made from either stainless steel or zinc plated steel.

Q9. Is the TurboLite PFL equipped with a load indicator?

A9. Yes, the TurboLite PFL has a load indicator sewn into the webbing lifeline. If a worker falls into the unit, a red flag will be exposed. Once the red flag has been exposed, the unit must be taken out of service.

Q10. What TurboLite PFL models are available?

A10. There are nineteen (19) TurboLite PFL models that feature different connector options at both the housing and the lanyard end. In addition, there are models available to meet the new ANSI Z359.1-2007 standard. These options allow the TurboLite PFL to be used in a variety of different working situations. The table below provides a brief description of each TurboLite PFL model and its connection options. If you are uncertain which model will be best for your application, your Miller Technical Service Representative will help you determine the best model for your application.

		Lanyard End Connector								
		Locking Snap Hook	Locking Rebar Hook	Locking Swivel Snap Hook	Locking Swivel Rebar Hook	Aluminum Locking Snap Hook	Aluminum Locking Rebar Hook	ANSI-Z-2007 Compliant Snap Hook	ANSI-Z-2007 Compliant Rebar Hook	ANSI-Z-2007 Compliant Swivel Snap Hook
Unit Connector	None	MFL-3	MFL-4	MFL-5	MFL-6			MFL-3-Z7	MFL-4-Z7	MFL-5-Z7
	Steel Twist-Lock Carabiner	MFL-1	MFL-2					MFL-1-Z7	MFL-2-Z7	
	Aluminum Twist-Lock Carabiner					MFL-11	MFL-12			
	D-Ring Swivel Hook	MFL-7	MFL-8							
	Locking Snap Hook	MFL-9	MFL-10							
	ANSI Z-2007 Compliant Locking Snap Hook							MFL-9-Z7	MFL-10-Z7	

Q11. What standards does the TurboLite PFL meet?

A11. The TurboLite meets all applicable OSHA, ANSI and CSA Standards. These include OSHA 1910.502, ANSI Z359.1-2007 and/or ANSI A10.32 and CSA Z259.2.2 (Type 1). A CE model is currently under development that will meet EN360, a European Standard necessary for selling fall protection products in Europe.

Q12. Which TurboLite PFL models are considered *stock* items?

A12. The following table indicates the **stock** or **non-stock** designation of models for the remainder of 2008. **Stock** models will ship within 72 hours. Orders for large quantities may take a little longer. Note: All ANSI Z359-2007 compliant models are **non-stock** for Canada since this Standard does not apply.

TurboLite PFL Models

Miller Model #	Unit Connector	Lanyard End Connector	Stock Status
ANSI Z359-2007 Compliant			
MFL-1-Z7/6FT	w/Steel Twist-Lock Carabiner	Locking Snap Hook	Stock
MFL-2-Z7/6FT	w/Steel Twist-Lock Carabiner	Locking Rebar Hook	Stock
MFL-3-Z7/6FT	without unit connector	Locking Snap Hook	Stock
MFL-4-Z7/6FT	without unit connector	Locking Rebar Hook	Stock
MFL-5-Z7/6FT	without unit connector	Locking Swivel Snap Hook	Non-Stock
MFL-9-Z7/6FT	w/Locking Snap Hook	Locking Snap Hook	Non-Stock
MFL-10-Z7/6FT	w/Locking Snap Hook	Locking Rebar Hook	Non-Stock
ANSI A10.32 Compliant			
MFL-1/6FT	w/Steel Twist-Lock Carabiner	Locking Snap Hook	Stock
MFL-2/6FT	w/Steel Twist-Lock Carabiner	Locking Rebar Hook	Stock
MFL-3/6FT	without unit connector	Locking Snap Hook	Stock
MFL-4/6FT	without unit connector	Locking Rebar Hook	Stock
MFL-5/6FT	without unit connector	Locking Swivel Snap Hook	Non-Stock
MFL-6/6FT	without unit connector	Locking Swivel Rebar Hook	Non-Stock
MFL-7/6FT	w/D-ring Swivel Hook	Locking Snap Hook	Stock
MFL-8/6FT	w/D-ring Swivel Hook	Locking Rebar Hook	Non-Stock
MFL-9/6FT	w/Locking Snap Hook	Locking Snap Hook	Stock
MFL-10/6FT	w/Locking Snap Hook	Locking Rebar Hook	Stock
MFL-11/6FT	w/Aluminum Twist-Lock Carabiner	Aluminum Locking Snap Hook	Stock
MFL-12/6FT	w/Aluminum Twist-Lock Carabiner	Aluminum Locking Rebar Hook	Non-Stock

Q13. Does the TurboLite PFL need to be sent to a factory-authorized center for annual recertification?

A13. No, extensive testing has proven that the TurboLite PFL is extremely durable due to its corrosion resistant stainless steel, aluminum and polymer components. As long as the user follows the inspection and test procedures outlined in the instruction manual, no annual factory recertification is necessary. However, if a person falls into the unit or if the unit does not pass an inspection, it should be taken out of service and a replacement should be purchased.

Q14. Is the TurboLite PFL repairable?

A14. Since the TurboLite PFL is so affordably priced, the costs associated with downtime, shipping, parts and labor will make it more cost effective to purchase a new unit. It is considered to be a disposable unit.

Q15. What is the warranty on the TurboLite PFL?

A15. As with all Miller products, the TurboLite PFL has a Limited Lifetime Warranty against manufacturer defects and workmanship.

Q16. Is Special Promotional Pricing available at the initial launch of the TurboLite PFL?

A16. Yes. The Special Promotional Pricing is in effect until September 30, 2008. Purchase 10 or more TurboLite units and earn an additional 10% discount. Purchase 25 or more units and earn an additional 15% discount. To qualify for the Promotional Pricing, orders must be on one (1) purchase order. All TurboLite PFL units will ship after April 1, 2008.

Q17. Additional questions/information, who should I contact?

A17. For additional information, please contact Miller Technical Service at 800/873-5242.

