

***Use of Reliance Industries SRLs by workers with a total weight (body, tools, clothing, etc) in excess of 400-lb.***

Reliance Industries Self-retracting Lifelines (SRLs) which possess internal brakes that limit the maximum arrest force (MAF) to 900-lb. or less may be used by workers with a total weight of 400-lb. When tested for use in these applications, the arresting force of the SRL remained below 900-lb. with extensions less than 42-in., making the SRLs compliant with both current OSHA and ANSI regulations provided the SRL is mounted overhead.

The specific Reliance Industries SRL Model Number that may be used with 400-lb. body weight individuals and remain in compliance with current regulations include the following:

- 4015
- 4020
- 4030
- 4031
- 4050
- 4051
- 4100
- 4101
- 4130
- 4131

Reliance SRLs which possess an external shock absorber in the form of a tear web shock pack MAY NOT be used by workers with total weights in excess of 310-lb. These units may ONLY be used by workers with a total weight of 310-lb. or less in a manner as outlined in the USER MANUAL for the SRL. The units which MAY NOT be used by workers with a body weight greater than 310-lb. include the following:

- 4003
- 4004
- 4005
- 4010
- 4011
- 4012
- 4350

As with all personal fall arrest systems, only a full-body harness is permitted to be worn; no body belts are allowed. The anchor point for the SRL should be located overhead to prevent free-fall. It should also be rated at 3,600-lb. per man attached where certification exists, or 5,000-lb. per man attached without certification.

Any and all other components used in fall protection systems that are rated for use by individuals with total body weights in excess of 400-lb. must also be certified to this higher load capacity.

