

**SUBMITTAL RECORD**

**JOB** \_\_\_\_\_  
**LOCATION** \_\_\_\_\_  
**SUBMITTED TO** \_\_\_\_\_  
**SUBMITTAL PREPARED BY** \_\_\_\_\_  
**APPROVED BY** \_\_\_\_\_  
**DATE** \_\_\_\_\_



**SKL100, SKL150, SKL200, SKL600**

**DESCRIPTION**

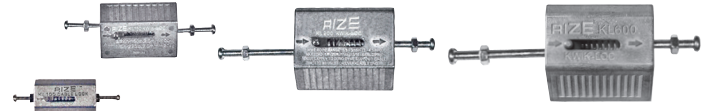
Security Kwik-Locs, like standard Kwik-Locs, are to be used on static load applications only. However, Security Kwik-Loc should be used in instances where your static load may be struck by flying objects or experience unexpected movement. The locking bolts on the Security Kwik-Loc hold the inside locking wedge in place and disable the release pin feature until the locking bolt is manually loosened.

Item #	Code	Description	Qty	Safe Working Load**
30335	SKL100	Safety Lock Wire Rope joiner for use with RWC3 Wire Rope	100	25-150 lbs. (12-68 kg)
30336	SKL150	Safety Lock Wire Rope joiner for use with RWC4 Wire Rope	100	25-250 lbs. (12-114 kg)
30337	SKL200	Safety Lock Wire Rope joiner for use with RWC6 Wire Rope	100	50-640 lbs. (25-291 kg)
30045	SKL600	Safety Lock Wire Rope joiner for use with RWC8 Wire Rope	50	50-1,100 lbs. (25-500 kg)

\*To ensure system integrity use only Wire Rope supplied by Rize. Hanging at angles will reduce the Safe Working Load. Please see the "Effects of Hanging at Angles" chart on our website at [www.rizellc.com/techsupport-testing.html](http://www.rizellc.com/techsupport-testing.html)

**WARNINGS**

**ALWAYS CONFIRM ENGAGEMENT OF CABLE LOCK ON WIRE BEFORE APPLYING THE LOAD:** By pushing the adjustment pin in the opposite direction of the arrows on the cable lock and then pulling the cable also in the opposite direction of the arrows on the cable lock.  
**PULL ADJUSTMENT PIN BACK AND PASS WIRE ROPE THROUGH RIZE CABLE LOCK:** Failure to pull adjustment pin first may cause damage to serrated teeth and reduce holding capacity.  
**TO ENSURE HANGING SYSTEM INTEGRITY AND SAFETY:** Use only Rize wire rope.  
**WORKING LOAD LIMIT (WLL) MUST FALL WITHIN THE STATED WORKING LOAD RANGE OF THE CABLE LOCK:** Each product is load rated and incorporates a minimum safety factor of 5:1. This WLL takes into account the specification criteria of the Rize Cable Lock and the wire rope.  
**DO NOT USE ON COATED WIRE ROPE:** It is important to maintain the metal to metal contact between the locking pawls in the Kwik-Loc and the wire rope.  
**SPRAY PAINTING:** of the Rize Suspension Hanging System after installation is acceptable, at the installing contractor's discretion, if the installing contractor physically confirms engagement of each cable lock on the cable prior to and after painting, and in strict accordance with the Rize Installation Instructions. Brush painting is not acceptable. Do not paint Cable or Cable Lock prior to installation. Do not reposition Cable Lock after painting.  
**DO NOT APPLY LUBRICANT:** to any part of the assembly as this will alter the surface nature of the wire rope and attract dirt and debris.  
**DO NOT USE FOR LIFTING:** (Under Hook slings) This product is designed for static load applications only.  
**KEEP THE PRODUCT CLEAN AND FREE FROM DIRT:** Any dirt should be removed from the product prior to assembly.  
**INSPECT PERIODICALLY:** Upon inspection, discard and replace if worn, distorted, or damaged.  
**REMOVE DAMAGED WIRE ENDS:** Using a designated pair of wire rope cutters prior to inserting into the Rize Kwik-Loc.  
**WHEN INSTALLING RIZE KWIK-LOC CABLE ATTACHMENTS:** to buildings or equipment careful consideration must be made to the attachment method and the material being attached to. It is the responsibility of the installer for the proper selection, installation and appropriateness of the attachment to the job specifications and any codes. Rize can give general guidance, but any questions regarding this should ultimately be directed to the project engineer of the job.  
**FOR DRY LOCATIONS ONLY**  
**DO NOT USE IN CHLORINATED ATMOSPHERES SUCH AS POOLS AND NATATORIUM**  
**GYMNASIUM INSTALLS MUST BE USING LOCKING CABLE LOCKS ONLY**



**SUGGESTED SPECIFICATION:**

All ductwork and equipment shall be supported using wire rope cable terminated by Security Kwik-Loc. All Security Kwik-Loc shall have an Ultimate Breaking Strength (U.B.S.) of at least 5 times the published Working Load Limit (W.L.L.). Wire ropes shall be of the size and spaced per manufacturers printed specifications. Wire Rope and Security Kwik-Loc shall be as supplied by Rize Enterprises.

**SPECIFICATION DATA**

- 1) All wire rope supplied by Rize is statistically tested to minimum breaking strength.
- 2) Rize Suspension System has been submitted and tested to be an acceptable alternative to the duct hanger systems prescribed in SMACNA HVAC-DCS 2nd edition By SMACNA Testing & Research Institute.
- 3) All Working Load Ratings of Rize Kwik-Locs manufactured by Rize have been witnessed and verified by Independent Testing Labs.
- 4) Rize Kwik-Locs may be used in temperatures up to 300 degrees F.
- 5) Rize Kwik-Locs wedges are constructed of corrosion resistant sintered steel.
- 6) Rize Kwik-Loc springs are constructed of tempered stainless steel.

**WIRE ROPE SPECIFICATION CARBON STEEL & GALVANIZED**

Galvanized steel wire rope, supplied by Rize is manufactured to exacting standards and statistically tested to verify the breaking strength. Rize recommends only using wire rope supplied by Rize. The chart below outlines the specifications.

Wire Rope	Tolerance	Rope Construction
RWC3	+0.012/-0.006 in.	7x7
RWC4	+0.014/-0.007 in.	7x7
RWC6	+0.018/-0.009 in.	7x19
RWC8	+5%/-0%	7x19

**APPLICABLE SMACNA STANDARD**

**4.2.11 Hanging System Selection**

The selection of a hanging system should not be taken lightly not only because it involves a significant portion of the erection labor, but also because an inadequate hanging system can be disastrous. In any multiple hanging system, the failure of one hanger transfers that load to adjacent hangers. If one of these fail, an even greater load is transferred to the next. The result is a cascading failure in which an entire run of duct might fail.

There are many hanger alternatives, especially in the upper attachments. Besides structural adequacy, the contractor's choice of hanging system must also take into account the particulars of the building structure, the skills of the workmen, the availability of tooling, and the recommendations of the fastener manufacturer. Because of these variables, it is suggested that the hanging system be the contractor's choice, subject to the approval of the mechanical engineer.

**FOR STATIC LOAD APPLICATIONS ONLY**  
**USE ONLY WIRE ROPE SUPPLIED BY RIZE WITH RIZE KWIK-LOCS.**

Please see our Rize testing and warnings webpage for the most detailed list of warnings:  
<http://rizellc.com/techsupport-testing.html>