SUBMITTAL RECORD
JOB _____
LOCATION _____
SUBMITTED TO _____
SUBMITTAL PREPARED BY _____
APPROVED BY _____
DATE _____

DESCRIPTION

The Looped Cable Assembly enhances the Dyna-Tite suspension system by the addition of a pre-looped cable end. Once the wire rope is pulled around the anchor point and through the looped end of the cable, it is already secured at one end, saving time at the jobsite. The remaining wire rope "drop" is passed through a channel in the Dyna-Tite Cable Lock. Then, the wire rope is either wrapped around the ductwork or inserted through a fastening point and back up into the second channel of the same cable lock. The locking teeth inside the cable lock engage the wire rope which secures the ductwork in place. **TO ENSURE MAXIMUM SAFETY, USE ONLY LOOPED WIRE ROPE SUPPLIED BY DURO DYNE WITH DYNA-TITE CABLE LOCKS.**

For ordering information, see reverse side.

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 DYNA-TITE 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 Duro Dyne 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 Dyna-Tite 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 Dyna-Tite and the wire rope.

SPRAY PAINTING: of the Dyna-Tite Cable 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 Dyna-Tite 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 Dyna-Tite Cable Lock.

WHEN INSTALLING DURO DYNE DYNA-TITE 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. Duro Dyne 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

DURO DYNE® Dyna-Tite®

Submittal Form
Looped Cable Assembly

SUGGESTED SPECIFICATION:

All ductwork and equipment shall be supported using wire rope cable terminated by Cable Locks. All Cable Locks 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 Cable Locks shall be as supplied by Duro Dyne Corporation.

SPECIFICATION DATA

1) All wire rope supplied by Duro Dyne is statistically tested to minimum breaking strength.
2) Dyna-Tite 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 Dyna-Tite Cable Locks manufactured by Duro Dyne have been witnessed and verified by Independent Testing Labs.
4) Dyna-Tite Cable Locks may be used in temperatures up to 300 degrees F.
5) Dyna-Tite Cable Locks wedges are constructed of corrosion resistant sintered steel.
6) Dyna-Tite Cable Lock springs are constructed of tempered stainless steel.

WIRE ROPE SPECIFICATION CARBON STEEL & GALVANIZED

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

Wire Rope Size	Tolerance	Rope Construction
WC6-CL23	+.018/-.009	7x19
WC4-CL18	+.014/-.007 in	7x7
WC3-CL12	+.012/-.006 in	7x7
WC2-CL6	+.010/-.005 in	7x7

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.

Please see our Dyna-Tite testing and warnings webpage for the most detailed list of warnings: http://www.durodyne.com/DTTesting.php

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Submittal Form
Looped Cable Assembly

Item #	Code	Description	For Use With Cable Lock	Safe Working Load*+	Packaging
30213	LC05WC2	5 ft. WC2-CL6 Wire Rope	CL6-WC2	10-75 lbs. (5-34 kg)	10 bags of 10
30214	LC10WC2	10 ft. WC2-CL6 Wire Rope	CL6-WC2	10-75 lbs. (5-34 kg)	10 bags of 10
30215	LC15WC2	15 ft. WC2-CL6 Wire Rope	CL6-WC2	10-75 lbs. (5-34 kg)	10 bags of 10
30216	LC25WC2	25 ft. WC2-CL6 Wire Rope	CL6-WC2	10-75 lbs. (5-34 kg)	5 bags of 10
30228	LC05WC3	5 ft. WC3-CL12 Wire Rope	CL12-WC3	25-150 lbs. (12-68 kg)	10 bags of 10
30229	LC10WC3	10 ft. WC3-CL12 Wire Rope	CL12-WC3	25-150 lbs. (12-68 kg)	10 bags of 10
30230	LC15WC3	15 ft. WC3-CL12 Wire Rope	CL12-WC3	25-150 lbs. (12-68 kg)	10 bags of 10
30232	LC25WC3	25 ft. WC3-CL12 Wire Rope	CL12-WC3	25-150 lbs. (12-68 kg)	10 bags of 10
30134	LC30WC3	30 ft. WC3-CL12 Wire Rope	CL12-WC3	25-150 lbs. (12-68 kg)	5 bags of 10
30231	LC35WC3	35 ft. WC3-CL12 Wire Rope	CL12-WC3	25-150 lbs. (12-68 kg)	5 bags of 10
30233	LC05WC4	5 ft. WC4-CL18 Wire Rope	CL18-WC4	25-250 lbs. (12-114 kg)	10 bags of 10
30234	LC10WC4	10 ft. WC4-CL18 Wire Rope	CL18-WC4	25-250 lbs. (12-114 kg)	10 bags of 10
30235	LC15WC4	15 ft. WC4-CL18 Wire Rope	CL18-WC4	25-250 lbs. (12-114 kg)	10 bags of 10
30237	LC25WC4	25 ft. WC4-CL18 Wire Rope	CL18-WC4	25-250 lbs. (12-114 kg)	5 bags of 10
30209	LC05WC6	5ft WC6-CL23 Wire Rope	CL23-WC6	50-640 lbs. (25-291 kg)	10 bags of 10
30210	LC10WC6	10 ft. WC6-CL23 Wire Rope	CL23-WC6	50-640 lbs. (25-291 kg)	10 bags of 10
30211	LC15WC6	15 ft. WC6-CL23 Wire Rope	CL23-WC6	50-640 lbs. (25-291 kg)	10 bags of 10
30212	LC25WC6	25 ft. WC6-CL23 Wire Rope	CL23-WC6	50-640 lbs. (25-291 kg)	5 bags of 10

*Safe Working Loads are based on a 5:1 Safety Factor.

+Hanging at angles will reduce the Safe Working Loads. Please see our 'Effects of Hanging at Angles' table on our website at: www.durodyne.com/DTTesting.php

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