

Welding Protection

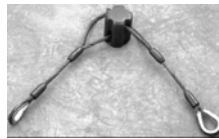


Spider offers a variety of code-compliant welding products to keep you working safely and according to industry requirements.

Wire Rope Insulator Assembly

Plastic dipped porcelain

4897 Insulator Assy; Wire Rope; 30 in.



See back side for
OSHA Standard 29 CFR §
1926.451 (f) (17)

Insulated Thimbles

For use in insulated thimble assemblies

Nylon insulated thimble; 1/3 in. (8.4 mm)

701074-1 Insulated Thimble Assy; Seize End; 30 ft

701074-2 Insulated Thimble Assy; Thimble End; 15 in.

701074-3 Insulated Thimble Assy; Clip; 30 ft

4897



701074-1



701074-2



701074-3

Safety Welding Ground

Provides additional ground between the suspended platform and the structure as required by OSHA for welding applications.

701151-1 Safety Welding Ground

- Large handle speeds magnetic removal and relocation.
- Kellums grips prevent clamp from accidentally detaching from the platform.
- Built by Spider in the USA
- Verify with carrier if this can be transported by air freight.



701151-1

Arc Guard Kits

701301-1 SC30/SC40 Traction Hoist Arc Guard Kit

701301-2 SC1000 and Zmac/1000® Traction Hoist Arc Guard Kit

1581 Split tube assembly with Velcro closures to wrap around a wire rope. The top end of this assembly has two chains with hooks that attach to a hoist. This arc guard assembly can be used in the welding application to guard against contact from the hoist tail line and the platform.



701301-2



Top Assembly

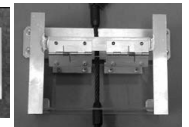
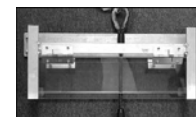
SA-1083-x: Kits include 4485 Top Assembly, 1581 Mid Assembly, and a 700947-1 Bottom Arc Guard Assembly.

SA-1083: 9 in. drum; 500 ft of wire rope

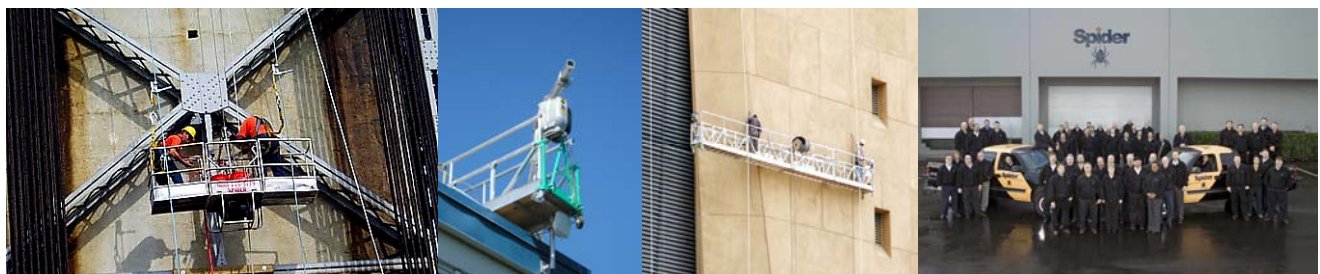
SA-1083-1000: 16 in. drum; 1000 ft of wire rope

SA-1083-26: For ST-26 Mini Drum; 235 ft of wire rope

4485: Top welding arc guard used with SA-1083, SA-1083-1000 and SA-1083-26 kits



Bottom Arc Guard



Welding Protection



OSHA Standard 29 CFR § 1926.451 (f) (17)

“(17) To reduce the possibility of welding current arcing through the suspension wire rope when performing welding from suspended scaffolds, the following precautions shall be taken, as applicable:

- (i) An insulated thimble shall be used to attach each suspension wire rope to its hanging support (such as cornice hook or outrigger). Excess suspension wire rope and any additional independent lines from grounding shall be insulated;
- (ii) The suspension wire rope shall be covered with insulating material extending at least 4 feet (1.2m) above the hoist. If there is a tail line below the hoist, it shall be insulated to prevent contact with the platform. The portion of the tail line that hangs free below the scaffold shall be guided or retained, or both, so that it does not become grounded;
- (iii) Each hoist shall be covered with insulated protective covers;
- (iv) In addition to a work lead attachment required by the welding process, a grounding conductor shall be connected from the scaffold to the structure. The size of this conductor shall be at least the size of the welding process work lead, and this conductor shall not be in series with the welding process or the work piece;
- (v) If the scaffold grounding lead is disconnected at any time, the welding machine shall be shut off; and
- (vi) An active welding rod or uninsulated welding lead shall not be allowed to contact the scaffold or its suspension system.”

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