

RIT Safety Solutions, LLC.

PRIMARY SEARCH LINE MARKING SYSTEM

The primary rope has a steel ring attached every 20 ft. This ring provides a fixed anchor point for a tag line to be attached to perform a sweep search. The tag line allows the firefighter to remain in contact with the primary line while searching a large area. The ring keeps the tag line from sliding down the primary rope away from the search area. It keeps the search team within safe range of each other and prevents duplication of a search area.

When the first search area is complete simply move the tag lines down to the next ring. Each team member remains in constant contact with the primary line to safety. The knots on the rope show distance within a structure. After each ring respective knots (or knots) are placed. Each knot represents 20 ft.

Using 20 ft. spacing: Ring one will have one (1) knot (20 feet), ring two will have two (2) knots (40 feet) and so on. The knots are placed on the inward side of the ring. Thus, when entering the structure you will come across a ring and then the knot (or knots). (It is well known in the fire industry that the nozzle is IN the fire, so we chose knots IN the fire as well). This may be switched for departmental preference.



This is the end of the rope connected to the bottom of the bag (snap ring). This is a 200 ft. rope with 20 ft. ring/knot spacing. Finding 9 knots on a 200 ft. rope would indicate you have traveled 180 ft. of the 200 ft. of rope

RIT Safety Solutions, LLC.

PRIMARY SEARCH LINE BAG OPERATION

Our primary search bags have a loop/ring at the bottom of the bag. Connect the snap hook to the bottom of the bag to secure the rope.



To re-pack the rope, place the shoulder strap around an object or on your shoulder to help keep the bag "open". Feed the rope back into the bag loosely.

DO NOT COIL OR WRAP THE ROPE AROUND YOUR HAND OR ARM. DOING THIS WILL CAUSE THE ROPE TO TANGLER WHEN BEING DEPLOYED!!!



When the rope has been re-packed, close the top flap and place the snap hook on the ring or the shoulder strap. Attach the snap hook in the direction of deployment.

The bag is designed to allow the rope and the marker system to deploy through the top opening of the bag without having to open the top flap. Do not open the top flap to deploy the rope. This could lead to inadvertent release and tangling of the rope.

