

## Know Your Synthetic Winch Rope

Before you begin, you should familiarize yourself with your synthetic winch rope.

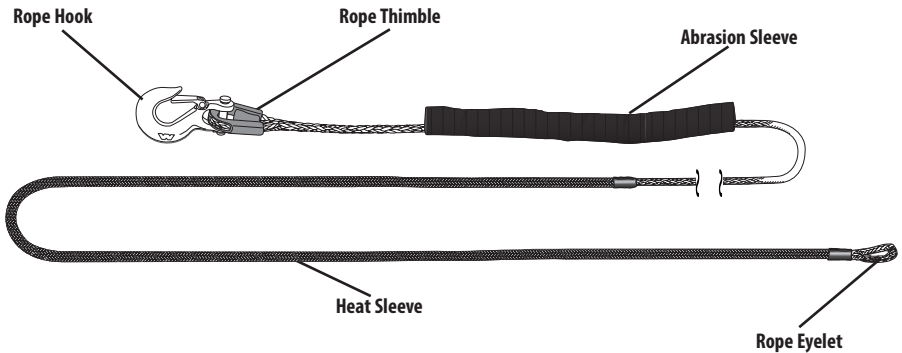


Figure 1

**Synthetic Winch Rope:** The synthetic winch rope is constructed of a unique ultra high molecular weight polyethylene material and offers tremendous tensile strength. It is coated with a high temperature urethane and equipped with a temperature resistant sleeve on the first layer for added protection. The synthetic rope's high flexibility and low weight make it much easier to handle out in the field.

**Abrasion Sleeve:** The abrasion sleeve is provided with the synthetic rope and must be used with the synthetic rope, at all times to protect the rope from potential abrasion wear. The sleeve has a loose fit so it can easily be positioned along the synthetic rope to protect from rough surfaces and sharp corners.

**Heat Sleeve:** The heat sleeve is made of with a high temperature material. It offers the outer layers of the synthetic rope protection from brake heat generated during normal use of the winch.

**Rope Eyelet:** The rope eyelet is the attachment point of the rope to the winch drum.

**Rope Hook:** The rope hook is attached to the rope thimble at the end of the winch rope. The rope hook is used to secure the rope to the load/vehicle or anchor point and is rated based on the capacity of the rope and the winch.

**Rope Thimble:** The rope thimble protects the synthetic rope from pinching and abrading where it comes in contact with the hook.