

WIRE



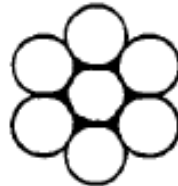
ROUND
WIRE



SHAPED
WIRES

The basic element of a wire rope is a single metallic wire. It may be either round or shaped.

CENTER



WIRE



STRAND



FIBER

The center is the axial member of a strand about which the wires are laid. It may be cotton or polypropylene fiber or one or more wires.

STRAND



FLATTENED



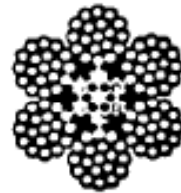
ROUND

A strand is a plurality of round or shaped wires helically laid around a center in one or more layers.

CORE



FIBER



WIRE ROPE



WIRE STRAND

The core of a wire rope is the axial member around which the strands are laid to form a wire rope. It may be either steel, natural fibers, or polypropylene.

ROPE

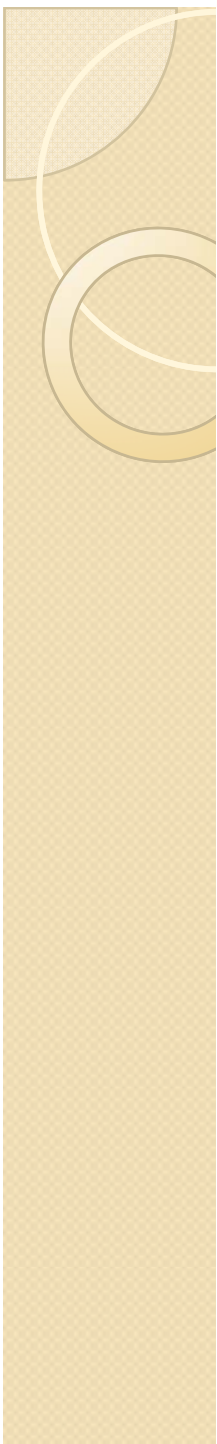


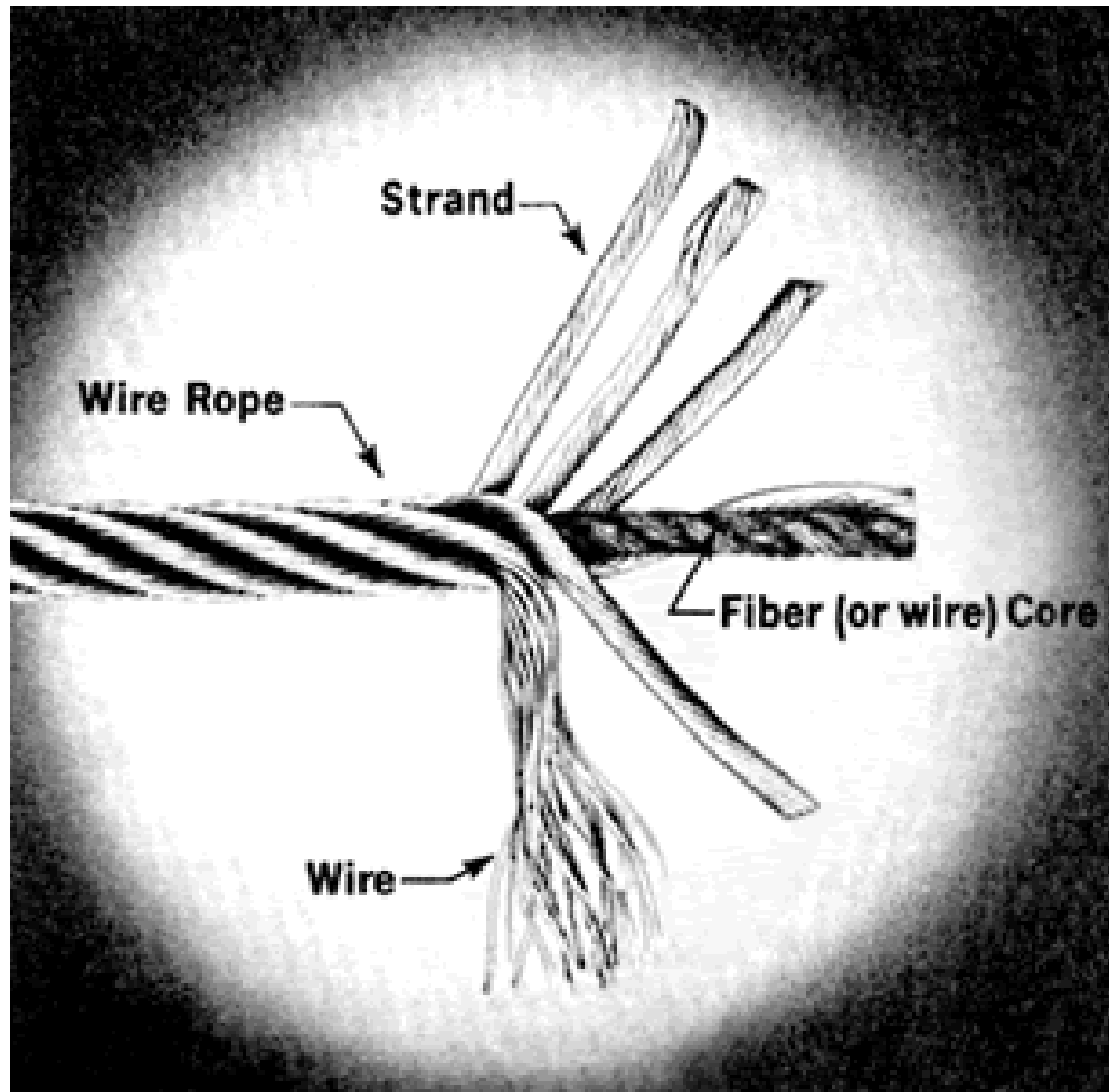
FLATTENED
STRAND



ROUND
STRAND

A number of strands laid helically around a core form a rope.







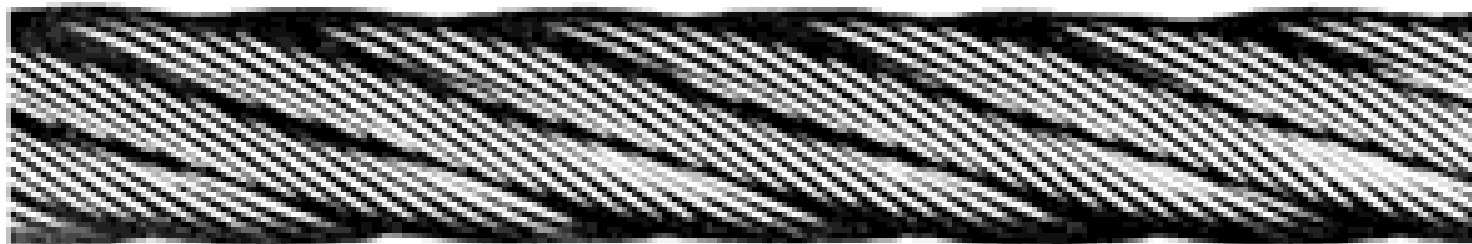
Right Lay

Regular Lay



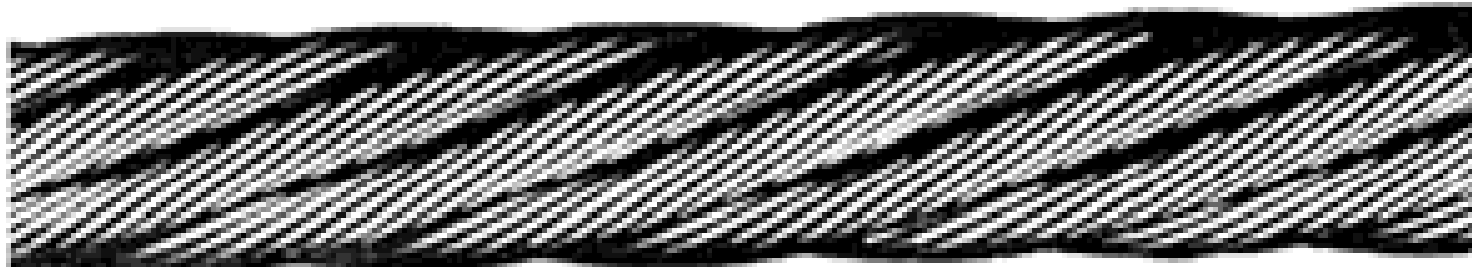
Left Lay

Regular Lay



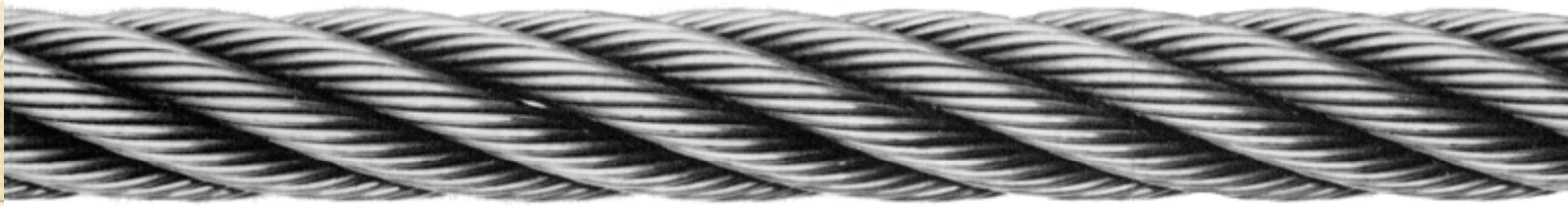
Right Lay

Lang Lay



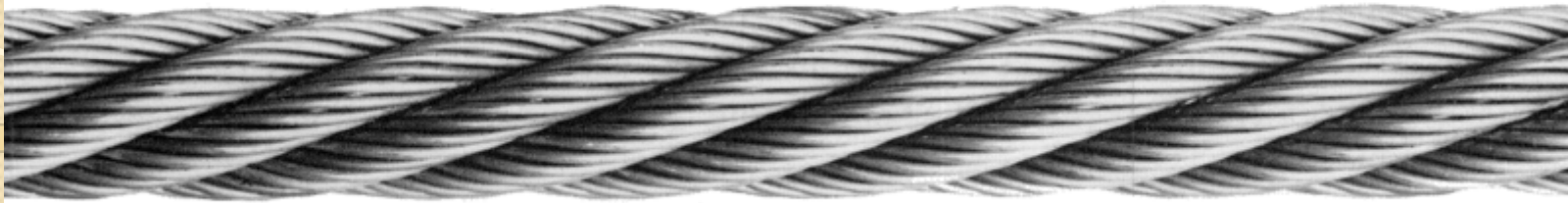
Left Lay

Lang Lay



a

right regular lay



b

left regular lay



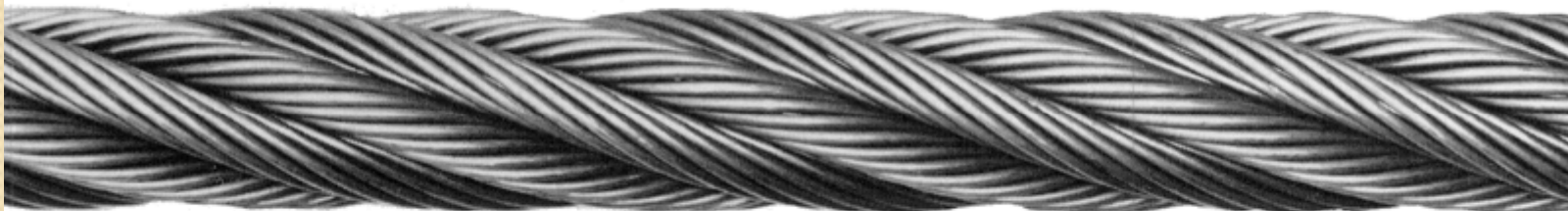
c

right Lang lay



d

left Lang lay

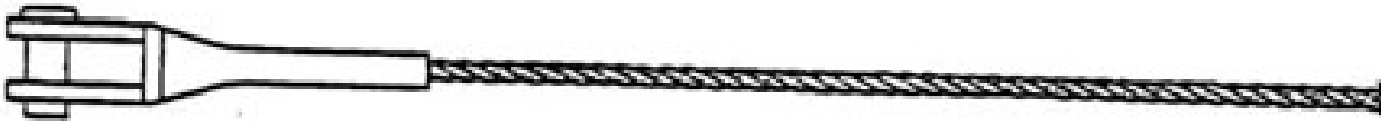


e

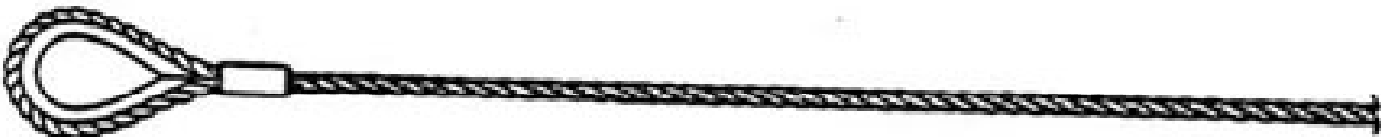
right alternating lay



WIRE ROPE SOCKET - POURED SPALTER OR RESIN



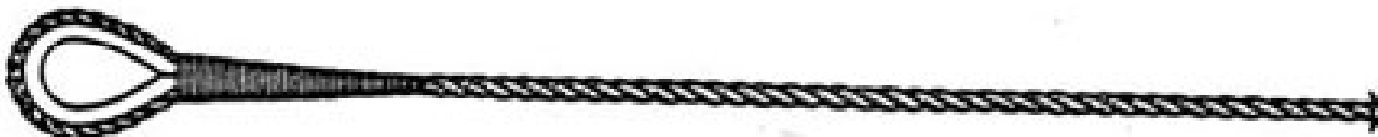
WIRE ROPE SOCKET - SWAGED



MECHANICAL SPLICE - LOOP OR THIMBLE



CLIPS - NUMBER OF CLIPS VARIES WITH ROPE SIZE AND CONSTRUCTION



LOOP OR THIMBLE SPLICE - HAND TUCKED



手插软索
Soft Eye Hand Spliced



手插套环
Thimble Eye Hand Spliced



铝合金压接软索
Soft Eye Machine Swaged



铝合金压套环
Thimble Eye Machine Swaged



铝合金压接锥型软索
Steel Ferrule Machine Swaged



闭口端子
Closed Swag Socket



开口索节



闭口索节

