Engineering Data

Handling Recommendations

Receiving the Reel

Reels are always shipped from the plant or service center standing on their flanges. If the reel arrives on its side (one flange on the truck; the other in the air) do not accept shipment without contacting the seller of the cable.

Inspect the reel wrap or lagging. If either is disturbed, contact the seller/distributor before accepting and take pictures with a digital camera.

Inspect shipment for evidence of damage such as reels loose from their blocking and bracing, flanges interlocking, damaged protective wrapping or lagging, broken flanges, etc. Verify packing list. Note any damage or discrepancy on delivery receipt and request carrier inspection before accepting shipment. **Concealed damage discovered after delivery must be reported to the carrier within 15 days.**

Do not drop reels from any height. Unload cable with lifting sling and spreader attached to shaft through reel hubs or with fork lift having tines long enough to reach both reel heads so that lift pressure is not on cable.

Roll reels in a direction to tighten cable wind indicated by arrows on the reel heads. Surfaces on which reels are to be rolled should be flat, clear of debris and protrusions which would damage the cable if straddled by the reel heads.

Storage Recommendations

Leave factory applied protective wrapping or lagging in place until removal is necessary for cable installation. Store reels on a firm paved surface or cribbing with good drainage. Provide suitable barriers to protect cable reels from damage due to equipment moving about in the area and avoid areas where falling objects may occur. Provide security against theft or malicious damage to cable.

Reels are to remain upright at all times. Do not handle or store reels pushed over on their flange.

Select a storage area where there will not be deposits or spills of chemicals, oils or harmful materials. There should be no open flames or excessive ambient heat.

Indoor or weather protected storage is best for long term use. Non-returnable reels and protective wrapping can withstand approximately two years outdoor storage and longer in dry climate. Returnable reels and lagging can withstand approximately three years outdoor storage (longer for steel reels and dry climate). Returnable reels have normal deposit life of two years.

The bottom and inner turns of cable on reels stored outdoors can remain continuously wet. Reels carrying cable with moisture sensitive coverings should be stored in a dry location.

The bottom and inner turns of cable with unjacketed sheath or armor (aluminum or steel) which remain continuously wet will corrode. It is recommended that these reels be stored indoors.

Cables are shipped from Okonite with each end properly sealed. After removal of factory wrapping or lagging and partial installation of cable, the end(s) of the cable remaining on the reel should be resealed and tied off in similar manner to the factory ties after recording the marker tape sequential footage, if necessary.

Installation Temperature

When cables are to be installed in cold weather, they should be kept in heated storage for at least 24 hours before installation and should not be installed at temperatures colder than shown below.

Minimum installation temperature shall be based on the least coldest temperature of both the insulation and jacket material.

Cable Type	Temperature
Oil Impregnated Paper Insulated	-10°C (14°F)
Okoseal Jacketed (PVC)	-10°C (14°F)
Okoseal LT Jacketed (LT-PVC)	-40°C (-40°F)
Okoprene Jacketed (Neoprene)	-20°C (-4°F)
Okolon Jacketed (Hypalon)	-20°C (-4°F)
Okolon TS-CPE	-40°C (-40°)
Okolon TP-CPE	-30°C (-22°F)
Okolene Jacketed (Polyethylene)	-40°C (-40°F)
Okozel Insulation or Jacket (ETFE)	-65°C (-85°F)
EPR	-40°C (-40°F)
Oko-Temp (TPR)	-40°C (-40°F)
XLPE	-40°C (-40°F)
TPPO (LS/ZH)	-30°C (-22°F)
XLPO (LS/ZH)	-35°C (-31°F)

Minimum installation temperatures for other constructions will be furnished on request.

THE OKONITE COMPANY
Ramsey, New Jersey 07446