

# IDLER PRODUCT STORAGE RECOMMENDATIONS

## KEY ELEMENTS OF PRODUCT STORAGE

- Products shall be protected from moisture collecting, condensing, or falling on products.
- Products shall be protected from dirt and vibration.
- Products shall be protected from extreme heat and wide temperature variations.
- Products shall be protected from sunlight.
- Products shall be protected from areas of high ozone concentrations, arc producing equipment, and load carrying wires.
- Products shall be protected from solvents and chemicals.

## PRODUCT STORAGE RECOMMENDATIONS

- Products should be stored in an enclosed building, shipping container, or covered with a non-transparent water-repellent tarp.
- Idler rolls that are not fully crated should be stored in an enclosed building or in a shipping container. If these options are not available, cover product with a non-transparent water-repellent tarp.
- Enclosed storage areas such as shipping containers should be well ventilated to prevent moisture build up.
- Plastic or other non-breathing tarp materials should be avoided.
- Keep products off of steel, cement, or earthen surfaces. Use dry wood supports of sufficient height (without exceeding safety guidelines) to keep the products out of casual water.
- If products are lagged, store in a cool dark area where they will not be exposed to direct sunlight.
- Keep products away from motors, generators, welders, or wires carrying high currents to such equipment
- Idler roll shafts should be rotated periodically to reduce the risk of corrosion on the bearing rolling elements. When rotating shafts, rotate at least two full revolutions.

## REMOVAL FROM STORAGE

- Products should be visually inspected prior to system start-up for any damage such as extensive corrosion, or rubber cracking, which may have occurred during storage/dormancy.
- If rubber/elastomer covering has oxidized. The surface can be refurbished by grinding of 1 mm (1/32") of rubber from the cover thickness. For example, reduce the diameter by 2 mm (1/16").
- Verify that idler roll bearings have not seized by rotating the shaft.
- Light surface rust is acceptable and should not affect the functioning of the idler.