## BELT SELECTION FOR NUT PROCESSING AND MONITORING

QCIF E

OCIF EYE



## Inline Processing System

**Qcifeye** Inline Processing System is the future of quality control. It is an inline monitoring system that can be installed over existing processing lines. the system monitors quality and detects impurities automatically. By adding the sorter module it can also remove those objects at the same time. This fully automated system driven by AI & deep learning algorithms will eliminate the need for final inspection by humans, reducing labor costs while giving processors an ROI of less than a year.



**OPTIONS** Green Rubber-Kennedy Ag Sani-Ply series of belts are by far the best and most widely used series of belts we carry. Made in the USA using tried and true multi-ply, spun polyester fabrics, Sani-Ply is the best for almost any application at a reasonable price. Sani-Ply meets the needs of the nut sorting industry leader, **Qcify**. The blue, easy clean is a thicker belt with a gloss finish which is more resistant to oils. The thinner, light blue, matte belt can go around smaller pulleys. Both can be made endless to exact lengths and are FDA compliant.

**OCIFEYE BELT** 

|  | SANI-PLY BLUE<br>GLOSS COVER  | 108 LT BLUE<br>THIN MATTE      |
|--|-------------------------------|--------------------------------|
| Number of Plies:                           | 2                             | 2                              |
| Thickness:                                 | 0.12" (2.5mm)                 | 0.17" (4.3mm)                  |
| Weight:                                    | 0.75 lbs/sq ft (3.66 Kg/Sq M) | 1.05 lbs/sq ft (5.13 Kg/Sq M)  |
| Maximum Width:                             | 72" (1829 mm)                 | 78" (1981 mm)                  |
| Minimum Pulley or Knife Edge Diameter:     | 1.50" (38 mm)                 | 0.394" (10 mm)                 |
| Load for 1% Extension:                     | 100 lbs/inch (17 daN/cm)      | 46 lbs/inch (8 daN/cm)         |
| Sandard Tension:                           | 1.00%                         | 1.00%                          |
| Continuous Operating Temperature Range:    | 10°F to 180°F (-12°C to 82°C) | -40°F to 194°F (-40°C to 90°C) |
| Conveying Surface:                         | RMV PVC, Smooth, Gloss, Blue  | PU, Smooth, Matte, Lt. Blue    |
| Underside:                                 | PVC, Impregnated, Blue        | Polyester, PU Impregnated      |
| Belt Construction features:                | Two-Ply Monofilament          | Two-Ply Monofilament           |
| Recommended Jointing System:               | Endless                       | Endless                        |
| Alternative Splices:                       | Single Finger                 | Single Finger                  |
| FDA/USDA Approved for Direct Food Contact: | Yes                           | Yes                            |
| Anti-Static:                               | No                            | No                             |

QCIFE YE

## The Belting Experts

