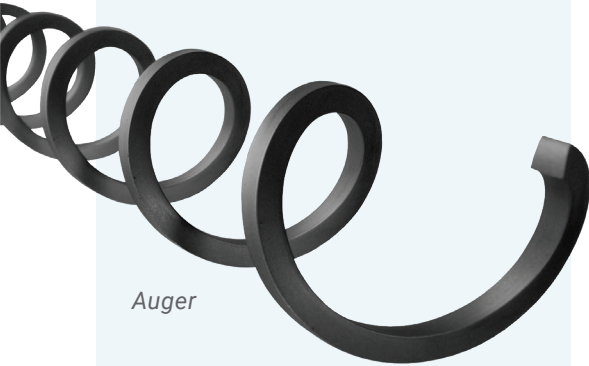




MAGNAPLATE

COATINGS ENGINEERED **FOR YOUR SUCCESS**

TYPICAL APPLICATIONS



Auger

Lectrofluor[®] CS-1331

USDA/FDA-compliant coating provides non-stick properties to release PVC

LECTROFLUOR[®] CS-1331 is a USDA/FDA-compliant coating that provides excellent non-stick properties and wear resistance to parts in contact with PVC. LECTROFLUOR CS-1331 was developed to withstand harsh cleaning agents and will help lower costs by reducing downtimes related to these issues. It can be used successfully for releasing PVC plastic at 500°F (288°C) and has a typical thickness range of 0.0005 to 0.0015 inch.

CORROSION AND CHEMICAL RESISTANCE

LECTROFLUOR CS-1331 can provide up to 336 hours of salt spray resistance when the thickness is greater than 0.001 inch. Due to the coating being solid-surfaced, LECTROFLUOR CS-1331 offers great resistance to a wide array of chemicals and cleaners.

COEFFICIENT OF FRICTION MEASUREMENTS

Static COF: 0.11, Kinetic COF: 0.09

Testing performed on the coating in accordance with ASTM D 1894-01 reveals very low coefficients of friction.

CONTACT ANGLE MEASUREMENTS

Advancing contact angle: 106.6°

Contact angle measurements indicate the amount of surface energy present. The greater the angle, the lower the surface energy. LECTROFLUOR CS-1331's contact angle measurement is excellent, resulting in greater release and ability to clean the surface.

TABER ABRASION TESTING

Taber abrasion data weight loss mg/250 cycles: 25.8

Taber abrasion testing was done in accordance with ASTM D 4060 using 1,000 g load. Weight loss was recorded at 0, 100 and 250 cycles. Wheels were cleaned at the beginning of each test.



Seal bar

