

ITW SHAKEPROOF INDUSTRIAL PRODUCTS

FINISH
CODE

REVISION
LEVEL

BRIEF DESCRIPTION:

YK-0 EZINC/TIN-SILVER-UVWAX

YK

0

REV DATE: 5/15/2008

GENERAL DESCRIPTION

.0003 MIN. ZINC/TIN ALLOY WITH CLEAR TRIVALENT CHROMATE FOLLOWED BY WAX WITH UV TRACER.
PLATING COMPOSITION 30% ZINC AND 70% TIN.

APPEARANCE

SILVERY APPEARANCE

ADHESION AND DUCTILITY

TO BE TESTED IN ACCORDANCE TO ASTM B571 (SCOTCH TAPE TEST)

CORROSION REQUIREMENTS

RED RUST: 400

WHITE CORRIOSION: 120

SALT SPRAY TESTS TO BE PERFORMED PER ASTM B117

COATING THICKNESS REQUIREMENTS

MIN. THICKNESS .0003 MAX. THICKNESS .0005 TESTED PER ASTM E376

STRESS RELIEF

PARTS TO BE BAKED AT 400 DEGREES F FOR 4 HOURS WITHIN 1 HOUR OF BASE PLATING

QUALITY CONTROL

VISUALLY INSPECT FOR UNIFORMITY OF COLOR AND SURFACE APPEARANCE, FREEDOM FROM TEARS, BARE SPOTS, POWDERY FILM, SLOUGHING OFF OF FILM, AND BLISTERING

PROCESS TO

PS-8956E CODE 30

PRINT DATE:

6/14/2016