



# REFLECTIVE DISC SPECIFICATIONS

**MATERIAL-MYLAR** MYLAR COMPOSITE: .009/.012" THICK  
CLEAR COMPONENT: .007" THICK  
REFLECTIVE COMPONENT: .0028" THICK  
PRESSURE SENSITIVE ADHESIVE: .0008" THICK  
SPECULAR REFLECTANCE: 60 MINIMUM

**MATERIAL-GLASS** REFLECTIVE COMPONENT- CHROME  
REFLECTIVITY@ 700NM = 65%  
BLUE NON-REFLECTIVE LAYER= $\leq$ 5% @ 700NM

## DEFINITIONS

**OPTICAL DEFECTS** REFLECTIVE DEFECTS ARE OPAQUE OR NON-REFLECTIVE INTRUSIONS INTO A REFLECTIVE AREA, OR REFLECTIVE INTRUSIONS INTO A NON-REFLECTIVE AREA.

**SCRATCHES** SURFACE SCRATCHES ARE TOP SURFACE SCRATCHES THAT DO NOT INTERRUPT THE REFLECTIVE SURFACE.  
INTERIOR SCRATCHES ARE SCRATCHES THAT PENETRATE THE COMPOSITE TO THE POINT THAT THE REFLECTIVE SURFACE IS INTERRUPTED.

**BUMPS** BUMPS ARE ANY DEFECT THAT CAUSES THE DISC SURFACE TO RISE ABOVE THE STANDARD COMPOSITE THICKNESS.

**DENTS** DENTS ARE ANY DEFECT THAT CAUSES THE DISC SURFACE TO DIP BELOW THE STANDARD COMPOSITE THICKNESS.

**CONTAMINATION** ANY FOREIGN SUBSTANCE TRAPPED IN THE COMPOSITE MATERIAL, OR ANY FOREIGN SUBSTANCE ADHEREING TO THE DISC SURFACE.

## CAUSES FOR REJECTION

**OPTICAL DEFECTS** ANY OPTICAL DEFECT OR GROUP OF DEFECTS OVER .0035" IN A .250" AREA IS CAUSE FOR REJECTION.  
ANY OPTICAL DEFECT UNDER .001" IS ACCEPTABLE.

**SCRATCHES** SURFACE SCRATCHES ARE NOT CAUSE FOR REJECTION.  
INTERIOR SCRATCHES OVER .0035" IN A .250" ARE CAUSE FOR REJECTION.

**BUMPS** ANY BUMPS IN THE ACTIVE TRACK AREA OF THE DISC ARE CAUSE FOR REJECTION.

**DENTS** ANY DENTS IN THE ACTIVE TRACK AREA OF THE DISC ARE CAUSE FOR REJECTION.

**CONTAMINATION** ANY FOREIGN SUBSTANCE OVER .0035" in a .250" AREA IS CAUSE FOR REJECTION.