



Certificate of Compliance

ADB® FLIP FLOP HOIST RINGS

ADB®'s QUALITY SYSTEM IS REGISTERED TO ISO 9001-2015

The material used in our ADB® Flip Flop Hoist Ring components is AISI 4140 or equivalent and conforms to ASTM A322 and ASTM A108.

CHEMICAL ANALYSIS

Carbon	.38/.43	Silicon	.15/.35
Manganese	.75/1.00	Chromium	.80/1.10
Phosphorus	.035/Max	Molybdenum	.15/.25
Sulfur	.040/Max		

ADB® Flip Flop Hoist Rings are designed with a design factor of six times the rated capacity in a vertical lift. However, the user is reminded that it should not be used to lift loads that exceed the rated capacity.

If any component or components of the hoist ring is replaced with a non-ADB® component, this certification is void.

- The surface finish of ADB® Flip Flop Hoist Rings is black oxide coated.
- ADB® Flip Flop Hoist Rings are not exposed to any equipment or material known or suspected of having mercury or polychlorinated biphenyls (PCB's).
- ADB® Flip Flop Hoist Rings components are NDT inspected per ADB®'s Internal procedures in accordance with ASTM E1444 or ASTM E1417 (NAVSEA testing available upon request).
- ADB® Flip Flop Hoist Rings are heat treated to 36-48 RC.
- ADB® Flip Flop Hoist Rings critical, load bearing components are hardness tested for material and heat treat verification.
- Screws are produced from 170,000 PSI minimum tensile strength material. ADB® alloy inch screws conform to the requirements of ASTM A574-Standard Specification of Alloy Steel Socket Head Cap Screws.

Benjie Bradshaw
Vice President/General Manager