TASSCO

CORRHARD · PRODUCT SHEET

MADE IN USA

12% CHROMIUM MARTENSITIC STAINLESS · 3⁄16″ TO 1″

TASSCO®
CORRHARD

One plate for abrasion and corrosion at the same time.



PICTURED: BARGE UNLOADER BUCKETS FABRICATED FROM TASSCO CORRHARD

314 BHN

TYPICAL ¼″–½″ · 296–325

12 %Cr

MARTENSITIC STAINLESS

3–5× LIFE

WHEN CORROSION AND ABRASION ARE PRESENT

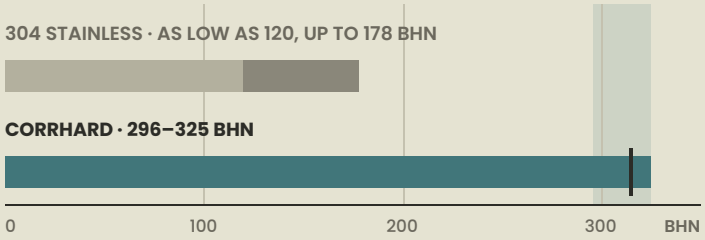
01 · WHAT IT IS

Corrhard is a 12% chromium martensitic stainless plate. It runs nearly twice the hardness of 304 with similar corrosion resistance, it's magnetic, and your shop welds it with standard 309L practice.

YIELD	**96–125 ksi**
TENSILE	**139–149 ksi**
ELONGATION	**12–20%**

02 · WHY IT WORKS

Harder than 304. Tougher than standard 12% Cr.



Standard 12% Cr wears better than 304 but gets brittle in the cold. Corrhard's Charpy toughness holds from room temperature to -50°F, with no ductile-to-brittle drop.

Corrhard is magnetic. Don't substitute it where 304 runs beneath a magnet.

One plate, both jobs.

ABRASION + CORROSION
In one plate.

LOW FRICTION
Keeps wet material moving.

ULTRA-LOW SULFUR
Clean steel.

WELDABLE
With standard 309L practice.

ISO/IEC 17025
Third-party verified.

03 · APPLICATIONS

Where it earns its keep.

- Wash-plant chutes
- Transfer-point liners
- Conveyor & belt liners
- Hoppers, bins & silos
- Sump & pit liners
- Cyclone overflow boxes
- Slurry & pump housings
- Flumes, troughs & launders
- Wet-process chute work
- Screen & dewatering decks
- Bucket-elevator liners
- Scrubber & wash-box liners

04 · AVAILABILITY

Stocked 3⁄16″ to 1″.

THICKNESS

3⁄16″ | ¼″ | ⅜″ | ½″ | ¾″ | 1″

SHEETS

8′×20′ | 8′×10′ | 4′×10′ | 4′×8′

Fabrication: shape cutting, forming & rolling, drilling & machining, welding & fabrication.

INDUSTRIES

- Coal mines, prep & power
- Cement & limestone quarries
- Paper mills
- Bulk-handling terminals
- Beet mills & ag processing
- Salt mines & potash