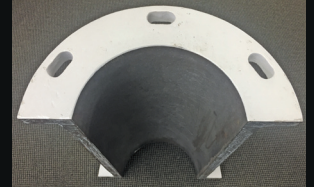


Wear Resistant White Cast Iron

Technical Data Sheet



HICTECH® Wear Resistant White Cast Iron is manufactured from the highest quality components, and heat treated to produce a superior alloy as per AS2027. **HICTECH**® Wear Resistant White Cast Iron can be manufactured in various grades:

- **High Chromium (Cr 27 HC/Mo)** - providing longer lasting wear resistant characteristics at the expense of toughness and corrosion resistance.
- **Chromium (CrMo 153)** - providing superior wearing characteristics due to higher hardness.
- **Nickel-Chromium (NiCr1)** - providing longer lasting wear resistant characteristics at the expense of toughness and corrosion resistance.
- **Nickel-Chromium (NiCr4)** - providing additional toughness and repeated shock resistance characteristics.
- **Chromium (CrMoCu)** - providing additional toughness and repeated shock resistance characteristics.

| Type | Features | Applications |
|-------------|---|-----------------------|
| Cr 27 HC | Superior wear resistant characteristics | DM Cyclones |
| Cr Mo | Long life | Hydro-Cyclones |
| | Corrosion resistant | Pipes, Elbows & Bends |
| NiCr1 | Superior wear resistant characteristics | DM Cyclones |
| | Long life | Hydro-Cyclones |
| | Corrosion resistant | Pipes, Elbows & Bends |
| NiCr4 | Wear resistant | Wear plate systems |
| CrMoCu 2021 | Toughness | Crusher Rollers |
| CrMo 201 | Repeated impact resistance | DM Cyclones |

HIC Services are the leaders in wear prevention technologies, providing specialised products and services since 1978



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