

Description

An austenitic stainless steel deposit that can be used for joining common austenitic stainless steels such as Types 304, 304L, 321, CF-8, and CF-3. It provides good resistance to intergranular corrosion. It can also be used as an intermediate layer for hard surfacing. Approvals and conformance: AWS Spec A5.22, ASME SFA5.22, ABS

Typical Deposit Analysis %

| | |
|----|-------|
| C | 0.03 |
| Mn | 1.10 |
| Si | 0.44 |
| Cr | 20.20 |
| Ni | 9.80 |
| Fe | Bal. |

Typical Properties as Welded

| | |
|-----------------------|------------|
| Tensile Strength | 94,000 psi |
| Yield Strength | 70,000 psi |
| Elongation in 2" | 40% |
| DeLong Ferrite Number | 8 |