

Specifications:

AWS A5.16 ERTi-11
ASME SFA A5.16 ERTi-11
UNS R52250

Properties:

Tensile Strength: 34,800 psi
Yield Strength: 24,700-45,000 psi
Elongation: 24%

Description:

ERTi-11, Titanium Grade 11 is similar to ERTi-7. The palladium that is added helps produce a higher resistance to corrosion, especially crevice corrosion at higher temperatures. The properties of ERTi-11 are also similar to ERTi-1 because even with the minute amount of palladium it does not greatly affect the alloy's microstructure.

Available in multiple sizes and diameters in wire and spool.

Chemical Composition (Wt%):

Fe	O	C	N	H	Ti	Pd
0.08	0.03-0.10	0.03	0.012	0.005	REM	0.12-0.25

Note: Single values are maximum unless otherwise noted.

Maintaining a proper welding procedure, including pre-heat and interpass temperatures, may be critical depending on the type and thickness of material being welded.

CAUTION: Consumers should be thoroughly familiar with the safety precautions on the warning label posted in each shipment and in the American National Standards A49.1, "Safety in Welding and Cutting," published by the American Welding Society, 8669 NW 36 Street, #130, Miami, FL 33126: OSHA Safety and Health Standards 29 CFR 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210.