

# TFS-303

相當規格:

EN ISO 14174 SF CS 2 DC

## 特性與用途：

TFS-303為半鹼性、中性冶金(碳-中性、低矽熔入及低錳燒損)與無鉻補償的鐳藥。匹配TW-17鐳線可適用於5%Ni或9%Ni鋼板之鐳接，常用於低溫儲槽。

## 注意事項：

- (1)拆封後置於爐中烘乾150-300°C，保持1小時再進行鐳接。
- (2)母材不必特別預熱，TW-17道間溫度維持在100°C以下最適合。

## 線材化學成份之一例(wt%)：

搭配線材	C	Mn	Si	P	S	Ni	Cr	Mo	V	Co	W	Fe
TW-17 (ERNiCrMo-4)	0.015	0.40	0.43	0.02	0.004	57.8	15.4	15.5	0.13	0.05	3.40	5.70

## 鐳道機械性質之一例：

搭配線材	降伏強度 MPa(ksi)	抗拉強度 MPa(ksi)	伸長率 %	衝擊值 J (ft-lbf) -196°C(-320°F)
TW-17	470(68)	680(99)	40	75(55)

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