

# Tubing Data & Performance Sheet

## 3-1/2" 9.30# P-110 3-1/2" EUE 8RD

### TUBE BODY DATA

Tube OD	3.500 in.
Wall Thickness	0.254 in.
Tube ID	2.992 in.
Tensile Yield Strength	224,400 lbs. (API Premium 80% Inspection Class)
Torsional Yield Strength	16,300 ft-lbs. (API Premium 80% Inspection Class)
Tube Burst	12,800 psi. (API Premium 80% Inspection Class)
Tube Collapse	9,100 psi. (API Premium 80% Inspection Class)

### TUBULAR ASSEMBLY

Approximate Length	30 ft.
Nominal Weight	9.30 lbs./ft.
Material Grade	110,000 psi.
Drift Diameter	2.867 in.
Displacement	0.1346 gal./ft.   0.0032 bbls./ft.
Capacity	0.3652 gal./ft.   0.0087 bbls./ft.
Compression Yield Strength	Not Reported
Max Bending	Not Reported

### CONNECTION DATA

Connection	EUE 8RD
Connection OD	4.500 in.
Connection ID	2.992 in.
Threads per inch	8
Make-Up Loss	N/A

### MAKE-UP TORQUE

Make-Up Torque - Minimum	3,170 ft-lbs.
Make-Up Torque - Optimum	4,230 ft-lbs.
Make-Up Torque Maximum	5,290 ft-lbs.

### FEATURES

Hardbanding	None
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#### Notes:

- Referenced tube size, wall and assembly length are nominal, unless indicated otherwise. Values shown may vary with actual values due to OEM tolerances, rounding and other factors. Tubing is manufactured to API 5CT 87-1/2% RBW and inspected to minimum Premium Class (80% RBW).
- Maximum make-up torque is that value above which there is no additional benefit, or reason to exceed. It is not meant to indicate the maximum torque the connection can withstand.

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