

Tubing Data & Performance Sheet

2-7/8" 6.50# N-80 2-7/8" EUE 8RD

TUBE BODY DATA

Tube OD	2.875 in.
Wall Thickness	0.217 in.
Tube ID	2.441 in.
Tensile Yield Strength	114,100 lbs. (API Premium 80% Inspection Class)
Torsional Yield Strength	6,800 ft-lbs. (API Premium 80% Inspection Class)
Tube Burst	9,700 psi. (API Premium 80% Inspection Class)
Tube Collapse	8,000 psi. (API Premium 80% Inspection Class)

TUBULAR ASSEMBLY

Approximate Length	30 ft.
Nominal Weight	6.50 lbs./ft.
Material Grade	80,000 psi.
Drift Diameter	2.347 in.
Displacement	0.0941 gal./ft. 0.0022 bbls./ft.
Capacity	0.2431 gal./ft. 0.0058 bbls./ft.
Compression Yield Strength	Not Reported
Max Bending	Not Reported

CONNECTION DATA

Connection	EUE 8RD
Connection OD	3.668 in.
Connection ID	2.441 in.
Threads per inch	8
Make-Up Loss	N/A

MAKE-UP TORQUE

Make-Up Torque - Minimum	1,730 ft-lbs.
Make-Up Torque - Optimum	2,300 ft-lbs.
Make-Up Torque Maximum	2,880 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.

The technical information contained herein, including the product performance sheet and other attached documents, has been extracted from information available from the manufacturer and is for reference only and not a recommendation. The user is fully responsible for the accuracy and suitability of use of the technical information. Patterson Services, Inc. cannot assume responsibility for the results obtained through the use of this material. No expressed or implied warranty is intended. Tubular assembly properties are calculated based on uniform OD and wall thickness. No safety factor is applied. Weight, displacement, and capacity are approximate and can vary by $\pm 10\%$ (or more) depending on OD, specified wall, wall tolerance, and internal coating options. It is the responsibility of the customer and the end user to determine the appropriate performance ratings, acceptable use of the product, maintain safe operational practices, and to apply a prudent safety factor suitable for the application.