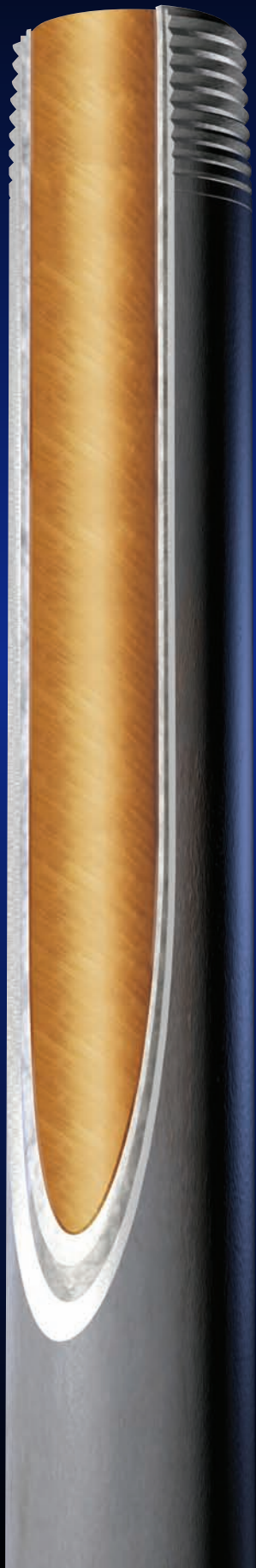


Duoline[®] lining systems extend the life of your tubulars



DUOLINE[®] 20

HOW DOES DUOLINE[®] 20 WORK?

DUOLINE[®] 20, manufactured by **DUOLINE[®] Technologies**, is a filament-wound Glass-Reinforced Epoxy (GRE) liner which is installed to OCTG in corrosive service. It is widely accepted that GRE lining is a more robust alternative to internal plastic coating. **DUOLINE[®] 20** is a very effective corrosion barrier with a long history of tubular protection in a variety of offshore and land-based applications.

Proven performance leader in corrosive (gas/fluid) injection and disposal for offshore and land-based applications.

Where Will You Benefit From Using DUOLINE[®] 20?

- 250°F working temp
- CO₂/Water injection/Disposal
- Chemical disposal
- Gas Production
- API or Premium Thread Compatibility

Why Use DUOLINE[®] 20?

- 35 year proven field history
- Lower cost alternative to CRA
- Durable/Long lasting corrosion protection
- Most complete corrosion package on the market
- Most abrasive resistant lining system available

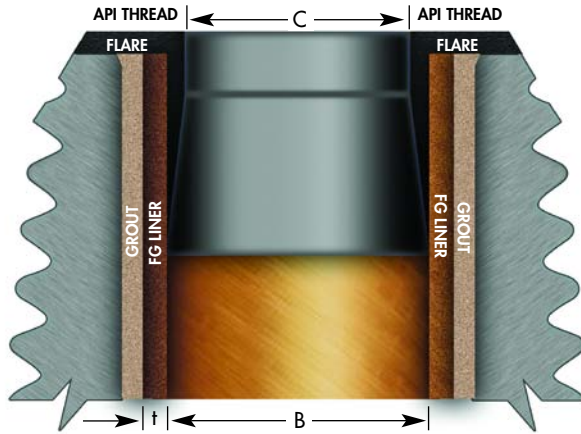


DUOLINE® 20



DUOLINE® DIMENSIONS AND WEIGHTS

For API Connections



COMMON DUOLINE TUBING SIZES <i>(other sizes also available)</i>					
		B	C	t	
Pipe Size (inches)	Wt. of Pipe (ppf)	Fiberglass Liner ID (inches)	Flare ID Thickness (inches)	Fiberglass Liner Nominal Thickness (inches)	Nominal Lining Wt. (lb/ft)
2-1/16"	3.25	1.500	1.430	0.040	0.40
2-3/8"	4.70	1.810	1.750	0.040	0.50
2-7/8"	6.50	2.250	2.195	0.040	0.50
3-1/2"	9.20	2.750	2.670	0.045	0.80
4-1/2"	11.60	3.691	3.600	0.060	1.50
4-1/2"	12.70	3.691	3.600	0.060	1.50
5"	15.00	4.142	4.032	0.065	1.65
5"	18.00	4.010	3.900	0.065	1.65
5-1/2"	15.50	4.675	4.550	0.075	1.80
5-1/2"	17.00	4.520	4.400	0.075	1.80
5-1/2"	20.00	4.520	4.400	0.075	1.80
5-1/2"	23.00	4.395	4.275	0.075	1.80
7"	23.00	6.081	5.976	0.095	2.50
7"	26.00	5.900	5.785	0.095	2.50
7"	29.00	5.800	5.685	0.095	2.50
7"	32.00	5.800	5.685	0.095	2.50

Maximum Drift Diameter: For API Connection with DUOLINE CBR: 1/4" less than flare diameter
 Dimensions mentioned above pertain to API Standard Specification for Casing and Tubing 5CT
 Please contact **Duoline® Technologies** Technical Support for **DUOLINE®** in API Connections and connections not listed.



FOR COMPLETE DETAILS ABOUT OUR EXPANDED FACILITIES AND NEW CAPABILITIES LOGON TO www.duoline.com



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