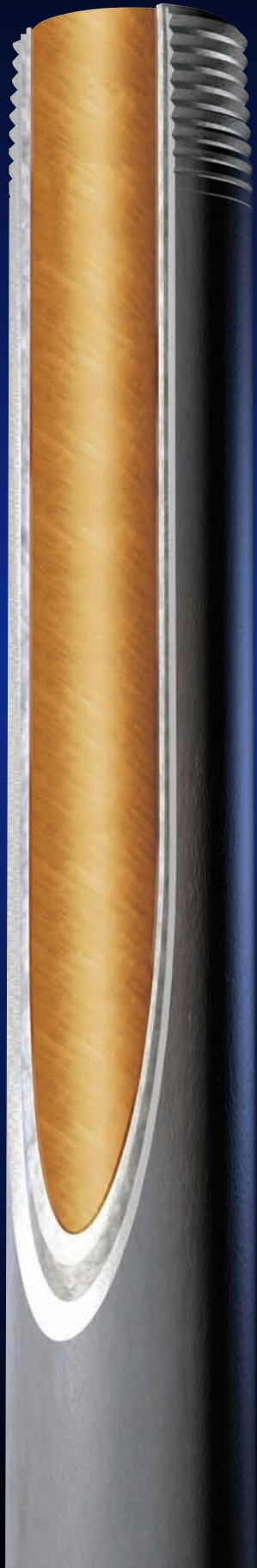


Duoline[®] lining systems extend the life of your tubulars



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?

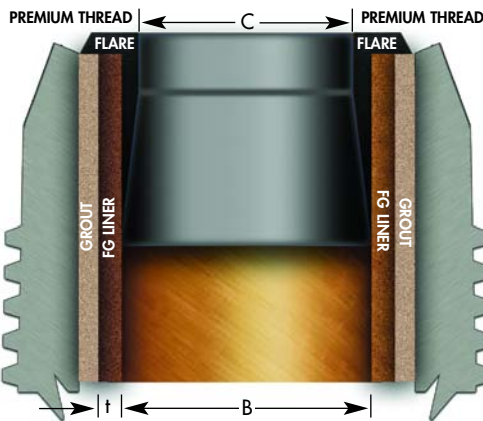
- 35 year proven field history
- Lower cost alternative to CRA
- Durable/Long lasting corrosion protection
- Most complete corrosion package on the market
- Most abrasive resistant lining system available



DUOLINE® 20

DUOLINE® DIMENSIONS AND WEIGHTS

For Premium Connections



DUOLINE® 20 in VAM® Connections

Connection Type	Pipe Size (inches)	Pipe Wt. (lbs/ft)	B Fiberglass Liner ID (inches)	C Minimum DL-System Restricted ID (inches)	t D-20 Nominal Thickness (inches)	Nominal Lining Wt. (lb/ft)
NEW VAM®	4-1/2"	12.60	3.691	3.594	0.060	1.50
NEW VAM®	5"	18.00	4.010	3.893	0.065	1.65
NEW VAM®	7"	26.00	5.900	5.779	0.096	2.50
NEW VAM®	7"	29.00	5.800	5.678	0.094	2.50
VAM® TOP	2-3/8"	4.60	1.810	1.750	0.040	0.50
VAM® TOP	2-7/8"	6.40	2.251	2.100	0.040	0.50
VAM® TOP	3-1/2"	9.20	2.750	2.600	0.045	0.80
VAM® TOP	4-1/2"	12.60	3.600	3.506	0.058	1.50
VAM® TOP	5"	18.00	4.010	3.893	0.065	1.65
VAM® TOP	5-1/2"	17.00	4.520	4.394	0.073	1.80
VAM® TOP	5-1/2"	20.00	4.520	4.394	0.073	1.80
VAM® TOP	6"	18.60	5.036	4.915	0.082	2.00
VAM® TOP	7"	23.00	5.900	5.778	0.096	2.50
VAM® TOP	7"	26.00	5.900	5.778	0.096	2.50
VAM® TOP	7"	29.00	5.800	5.678	0.094	2.50
VAM® TOP	7"	32.00	5.800	5.678	0.094	2.50
VAM® TOP	9-5/8"	47.00	8.260	8.078	0.134	
VAM® TOP	10-3/4"	60.70	9.160	9.003	0.149	
VAM® TOP HT/HC	4-1/2"	12.60	3.600	3.506	0.058	1.50
VAM® TOP HT/HC	5-1/2"	17.00	4.520	4.394	0.073	1.80
VAM® TOP HT/HC	5-1/2"	20.00	4.395	4.268	0.071	1.80
VAM® TOP HT/HC	7"	29.00	5.800	5.685	0.094	2.50
VAM® TOP HT/HC	7-5/8"	33.70	6.400	6.273	0.104	2.60

Please contact **Duoline® Technologies** Technical Support for Premium Connections, Drift diameters and Premium Connections not listed.



ISO 9001:2008



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



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