

FBE AND ARO COATINGS Oil and Gas Transmission Pipe

L.B. Foster Coated Products is ISO 9001:2000 registered and this assures consistent quality in its application of plant-applied corrosion protection for steel line pipe and pipe piling. The coating facility is located on the site of American Steel Pipe (ACIPCO) in Birmingham, AL.

This modern facility applies fusion bond epoxy (FBE), abrasion resistant overcoating (ARO) and internal linings on 10.75" – 24" OD steel line pipe with up to .75" of wall and 90' of length. FBE provides field-proven protection of pipelines and pipe pilings in service in the harshest environments. ARO offers tough physical protection for FBE coatings.

L.B. Foster Coating Facility Partners With American Steel Pipe

The L.B. Foster Coated Products coating facility is located on the site of American Steel Pipe's (ACIPCO) operations in Birmingham, Alabama. L.B. Foster partners with ACIPCO to provide customers the convenience and cost savings of receiving manufactured and coated line pipe from a single location.



Railroad Car Loading Patterns (89' Long x 8'6" Wide)

| Diameter (in inches) | Pieces Per Car | Loading Patterns | | | | | | Notes |
|----------------------|----------------|------------------|---------|--------------------|--------------------------------|-----------------------------|--------------------------|--|
| | | Layers | Pattern | Height (in inches) | Regular Load Width (in inches) | Wide Load Width (in inches) | Wide Load Pieces Per Car | |
| 10-3/4 | 89 | 10 | 9@9+8 | 123 | 91 | 102 | 109 | Loading patterns and the number of pieces per car may be adjusted due to freight rates, wall thicknesses, and length of pipe. The 89' long x 8'6" wide trailer train rail car is used for loads where the maximum pipe length is 85'. 76 Percent Parameter For pipe 60' nominal in length, only 76 percent of the maximum weight may be loaded on a rail car 89' long with an 8'6" wide trailer. For example, a 145,000-lb rail car of 60" pipe can only be loaded up to 105,000 lbs. |
| 12-3/4 | 71 | 9 | 8@8+7 | 122 | 95 | 108 | 89 | |
| 14 | 55 | 8 | 7@7+6 | 123 | 91 | 105 | 71 | |
| 16 | 41 | 7 | 6@6+5 | 120 | 88 | 104 | 55 | |
| 18 | 41 | 7 | 6@6+5 | 134 | 98 | 98 | 41 | |
| 20 | 29 | 6 | 5@5+4 | 125 | 88 | 108 | 41 | |
| 22 | 29 | 6 | 5@5+4 | 137 | 98 | 98 | 29 | |
| 24 | 19 | 5 | 4@4+3 | 122 | 82 | 106 | 29 | |

Truck Loading Patterns Maximum Truckload

| Diameter (in inches) | Total Pieces (pyramid) | # Pipe on Floor Layer | Total Pieces* (Maximum PCS per load) | Notes |
|----------------------|------------------------|-----------------------|--------------------------------------|--|
| 10-3/4 | 45 | 9 | 63 | Subject to equipment load limitations. |
| 12-3/4 | 28 | 7 | 53 | |
| 14 | 28 | 7 | 42 | |
| 16 | 21 | 6 | 35 | |
| 18 | 15 | 5 | 25 | |
| 20 | 15 | 5 | 25 | |
| 22 | 10 | 4 | 15 | |
| 24 | 10 | 4 | 15 | |

LB Foster
Coated Products

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