



YellowStripe® 8300 Series PE4710

Standard Size and Dimension Sheet

CTS = Copper Tube Size

| Nominal Size (Inches) | Dimension Ratio | Outside Diameter (Inches) | Minimum Wall (Inches) | Max Design Pressure @ 73°F per CFR Part 192.121 (psi) | Weight (lbs) per 100 ft. | Coil/ Joint (feet) | Nominal Packing Dimensions ID / OD / Width | Number Coils / Joints Per Pallet or Bundle | Pallet/ Bundle Footage | Number Pallet / Bundles Per Truck | 48 ft. Truck |
|-----------------------|-----------------|---------------------------|-----------------------|---|--------------------------|--------------------|---|--|------------------------|-----------------------------------|----------------------|
| 1/2" | *N/A | 0.625 | 0.090 | 125 | 7 | 500' 1000' | 30"/43"/3-2/3" 30"/43"/6-1/2" | 18 11 | 9,000' 11,000' | 26 | 234,000' 286,000' |
| 1" | *N/A | 1.125 | 0.090 | 89** | 13 | 500' | 30"/43"/11" | 6 | 3,000' | 26 | 78,000' |
| | *N/A | | 0.101 | 125 | 14 | | | | | | |

IPS = Iron Pipe Sizes

| Nominal Size (Inches) | Dimension Ratio | Outside Diameter (Inches) | Minimum Wall (Inches) | Max Design Pressure @ 73°F per CFR Part 192.121 (psi) | Weight (lbs) per 100 ft. | Coil/ Joint (feet) | Nominal Packing Dimensions ID / OD / Width | Number Coils / Joints Per Pallet or Bundle | Pallet/ Bundle Footage | Number Pallet / Bundles Per Truck | 48 ft. Truck |
|-----------------------|-----------------|---------------------------|-----------------------|---|--------------------------|--------------------|---|--|------------------------|-----------------------------------|--------------|
| 1/2" | DR 9.33 | 0.840 | 0.090 | 125 | 9 | 500' | 30"/43"/6-1/2" | 11 | 5,500' | 26 | 143,000' |
| 3/4" | DR 11 | 1.050 | 0.095 | 125 | 13 | 500' | 30"/43"/10-3/8" | 7 | 3,500' | 26 | 91,000' |
| 1" | DR 11 | 1.315 | 0.120 | 125 | 20 | 500' | 30"/43"/12-1/2" | 5 | 2,500' | 26 | 65,000' |
| 1 1/4" | DR 11 | 1.660 | 0.151 | 125 | 31 | 500' | 48"/72"/7-1/2" | 12 | 6,000' | 7 | 42,000' |
| 2" | DR 11 | 2.375 | 0.216 | 125 | 64 | 500' | 52"/78"/13" | 7 | 3,500' | 7 | 24,500' |
| 3" | DR 11 | 3.500 | 0.318 | 125 | 139 | 40' or 500' | soft bundles | 50 | 2,000' | 14 | 12,000' |
| | | | | | | | 70"/96"/23-3/4" | 4 | | 6 | |
| 4" | DR 11 | 4.500 | 0.409 | 125 | 231 | 40' or 500' | soft bundles | 30 | 1,200' | 14 | 16,800' |
| | | | | | | | 70"/93"/41" | 2 | 1,000' | 6 | 6,000' |
| 6" | DR 11 | 6.625 | 0.602 | 125 | 499 | 40' or 500' | soft bundles | 13 Upright | 520' 500' | 14 | 7,280' |
| | DR 13.5 | | 0.491 | 102 | 415 | | | | | 8 coils | 4,000' |
| 8" | DR 11 | 8.625 | 0.784 | 125 | 847 | 40' | soft bundles | 9 | 360' | 10 | 3,600' |
| | DR 13.5 | | 0.639 | 102 | 704 | | | | | | |
| 12" | DR 11 | 12.750 | 1.159 | 125 | 1851 | 40' | bulk packs / bundles | 4 | 160' | 12 | 1,920' |
| | DR 13.5 | | 0.944 | 102 | 1538 | | | | | | |
| 16" | DR 11 | 16.000 | 1.455 | 125 | 2915 | 40' | bulk packs / bundles | 3 | 120' | 10 | 1,200' |
| | DR 17 | | 0.941 | 80 | 1956 | | | | | | |
| 18" | DR 11 | 18.000 | 1.636 | 125 | 3688 | 40' | strip loads w/ chocks | 5 joints/layer | 200' | 5 | 1,000' |
| | DR 17 | | 1.059 | 80 | 2478 | | | | | | |
| 20" | DR 11 | 20.000 | 1.818 | 125 | 4554 | 40' | strip loads w/ chocks | 5 joints/layer | 200' | 4 | 800' |
| | DR 17 | | 1.176 | 80 | 3058 | | | | | | |

This product flyer is intended for reference purposes. It should not be used in place of the advice from a licensed professional engineer. 49 CFR §192.121 indicates a 0.40 Design Factor (DF) may be used on ≤24" IPS PE2708/PE4710 pipes produced after January 22, 2019 meeting the minimum wall thickness requirements per §192.121. Unless otherwise noted, Design Pressure Ratings are calculated based on an operating temperature of 73°F and a Design Factor (DF) of 0.40. 49 CFR Part §192.121 also limits design pressure to 125 psig for pipe ≤24" IPS produced after January 22, 2019 meeting the minimum wall thickness requirements per §192.121.

Pipe weights are calculated in accordance with PPI TR-7. Nominal OD and Minimum wall plus 6% is used in estimating fluid flow. Actual ID will vary. When designing components to fit the pipe ID, refer to pipe dimensions and tolerances in the applicable pipe manufacturing specification.

*N/A - The wall thickness is minimum per D2513 and not a function of DR.

**Uses a Design Factor of 0.32; does not meet the minimum wall thickness requirement of 49 CFR §192.121 for Design Factor of 0.40.

Blue signifies AUTO COIL Products