

STANDARD SIZE AND DIMENSION SHEET

YellowStripe® 8300 Series
PE4710

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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	Number Coils / Joints Per Pallet or Bundle	Pallet/ Bundle Footage	Number Pallet / Bundles Per Truck	48 ft. Truck
							ID / OD / Width				
1/2"	*N/A	0.625	0.090	125	7	500' 1,000'	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	Number Coils / Joints Per Pallet or Bundle	Pallet/ Bundle Footage	Number Pallet / Bundles Per Truck	48 ft. Truck
							ID / OD / Width				
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 70" / 96" / 23-3/4"	50	2,000'	14	12,000'
								4		6	
4"	DR 11	4.500	0.409	125	231	40' or 500'	soft bundles 70" / 93" / 41"	30	1,200' 1,000'	14	16,800' 6,000'
								2		6	
6"	DR 11	6.625	0.602	125	499	40' or 500'	soft bundles 84" / 120" / 50"	13	520' 500'	14	7,280' 4,000'
	DR 13.5		0.491	102	415			Upright		8 coils	
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

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For more information

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