

**DriscoPlex® 6500 Series PE 2406 MDPE****Gas Pipe and Fittings****Typical Material Physical Properties of DriscoPlex 6500 Series Medium Density Polyethylene Materials**

Property	Unit	Test Procedure	Typical Value
Material Designation	---	PPI-TR4	PE 2406
Cell Classification	---	ASTM D-3350	234363E
Density [3]	g/cm ³	ASTM D-1505	0.939 (base) 0.941 (yellow)
Melt Index [4]	g/10 minutes	ASTM D-1238	0.18
Flexural Modulus [5]	psi	ASTM D-790	> 100,000
Tensile Strength [4]	psi	ASTM D-638	2800
SCG (PENT) [6]	hours	ASTM F-1473	> 3500
HDB at 73.4°F (23°C) [4]	psi	ASTM D-2837	1250
Color; UV Stabilizer [C]	---	ASTM D-3350	Yellow; UV stabilized for up to 4 years outdoor storage
HDB at 140°F (60°C)	psi	ASTM D-2837	1000
Linear Thermal Expansion	inch/inch/°F	ASTM D-696	9 x 10 ⁻⁵
Elastic Modulus	psi	ASTM D-638	86,000
Brittleness Temperature	°F (°C)	ASTM D-746	< -180 (< -118)
Hardness	Shore D	ASTM D-2240	64



DriscoPlex™ 6500 Series Size and Dimension Sheet



NOTE: The sizes and packaging shown represent typical Performance Pipe products. Other sizes and/or packaging may be available. Contact Performance Pipe for additional information. Pipe weights are calculated in accordance with PPI TR-7. Dimensions and weights are subject to change without notice.

CTS = COPPER TUBE SIZE

Nominal Size (Inches)	Nominal Outside Diameter (Inches)	Minimum Wall (Inches)	Dimension Ratio	MAOP (psig per CFR Part 192 @100 F or less)	Weight 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"	0.625	0.062	10.1	88	4.7	500' or 1,000'	30" / 38" / 6"	12	6,000'	26	156,000'
		0.090	6.9	100	6.5		30" / 44" / 6"		12,000'		312,000'
3/4"	0.875	0.077	11.4	77	8.3	500'	30" / 38" / 11"	6	3,000'	26	78,000'
		0.090	12.5	70	13.0						
1"	1.125	0.099	11.4	77	14.0	500'	30" / 42" / 11"	8	4,000'	26	104,000'
		0.101	11.1	79	14.0						
		0.102	11.0	80	14.0						
		0.121	9.3	96	16.0						
		0.125	9.0	100	17.0						
1 1/4"	1.375	0.090	15.3	56	16.0	500'	32" / 45" / 14 1/2"	6	3,000'	24	72,000'
		0.121	11.4	77	20.0						

IPS = IRON PIPE SIZE

Nominal Size (Inches)	Dimension Ratio	Nominal Outside Diameter (Inches)	Minimum Wall (Inches)	MAOP (psig per CFR Part 192 @100 F or less)	Weight 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	96	9	500'	30" / 44" / 6"	14	7,000'	26	182,000'
3/4"	DR 11	1.050	0.095	80	12	500'	30" / 44" / 11"	7	3,500'	26	91,000'
1"	DR 9.33	1.315	0.141	96	22	500'	30" / 44" / 12"	7	3,500'	26	91,000'
	DR 11		0.120	80	19			6	3,000'		78,000'
1 1/4"	DR 8.8	1.660	0.189	100	37	500'	48" / 72" / 7 1/2"	12	6,000'	7	42,000'
	DR 10		0.166	89	33						
	DR 11		0.151	80	31						
1 1/2"	DR 9.3	1.900	0.204	96	47	500'	48" / 75" / 8 1/2"	8	4,000'	7	28,000'
	DR 11		0.173	80	40						
2"	DR 9.3	2.375	0.255	96	73	500'	51" / 78" / 13 3/8"	7	3,500'	7	24,500'
	DR 9		0.264	100	75						
	DR 11		0.216	80	63						
3"	DR 11	3.500	0.318	80	137	40' or 500'	soft bundles 70" / 96" / 23 3/4"	50	2,000'	14	28,000'
	DR 11.5		0.304	76	131						
	DR 13.5		0.259	64	113						
4"	DR 9	4.500	0.500	100	270	40' or 500'	soft bundles 70" / 93" / 41"	29	1,160'	14	16,240'
	DR 11		0.409	80	226						
	DR 11.5		0.391	76	217						
	DR 13.5		0.333	64	188						
6"	DR 9	6.625	0.736	100	584	40' or 500'	soft bundles 84" / 120" / 50"	13	520'	14	7,280'
	DR 11		0.602	80	490						
	DR 11.5		0.576	76	471						
	DR 13.5		0.491	64	407						
8"	DR 9	8.625	0.958	100	990	40'	soft bundles	9	360'	10	3,600'
	DR 11		0.784	80	830						
	DR 11.5		0.750	76	798						
	DR 13.5		0.639	64	690						
10"	DR 9	10.750	1.194	100	1538	40'	bulk packs	9 jts/layer	360'	7	2,520'
	DR 11		0.977	80	1289						
	DR 11.5		0.935	76	1240						
	DR 13.5		0.796	64	1071						
	DR 21		0.512	40	710						
12"	DR 11	12.750	1.159	80	1814	40'	bulk packs	8 jts/layer	320'	6	1,920'
	DR 11.5		1.109	76	1744						
	DR 13.5		0.944	64	1507						
	DR 21		0.607	40	998						