

DRISCOPEX[®] 6500 Series

DRISCOPEX[®] 6500 Series MDPE Gas Distribution Pipe



DRISCOPEX[®] MDPE Pipe is manufactured to meet your needs in compliance with ASTM D2513, NSF Gas and DOT 49 CFR 192.

Selected sizes conform to CSA B137.4 and UPC product standards.

Produced from only the highest rated MDPE pipe material, DRISCOPEX[®] 6500 Series Pipe is manufactured from a PE 2708 and PE 80 resin listed in PPI-TR4.

DRISCOPEX[®] MDPE Pipe Advantages:

- ✓ Durable
- ✓ Leak Tight
- ✓ Excellent Flow
- ✓ Abrasion Resistant
- ✓ Fatigue Free
- ✓ Impact Resistant
- ✓ Trenchless Install
- ✓ Bend Radius
- ✓ Chemical Resistant
- ✓ UV Protection
- ✓ Flexibility
- ✓ Environmental

DriscoPlex MDPE Series Pipe Material Physical Properties

Property	Standard	Typical Value†
Material Designation Code	ASTM D2513	PE 2708
Cell Classification	ASTM D3350	234373E; 234375E
Density [2]	ASTM D1505	0.939 g/cm ³ (Yellow)
Melt Index [3]	ASTM D1238	0.18 g/10 min
Flexural Modulus [4]	ASTM D790	>90,000 psi
Tensile Strength [3]	ASTM D638 Type IV	2,800 psi
SCG (PENT) [7]	ASTM F1473	>2,000 hours
HDB at 73°F (23°C) [3]	ASTM D2837	1,250 psi
Color; UV Stabilizer [E]	ASTM D3350	Yellow; UV Stabilized
RCP, Full Scale, at 32°F (0°C)	ISO 13478	>123 psi (>8.5 bar)

This is not a product specification and does not guarantee or establish specific minimum or maximum values or manufacturing tolerance for material or tubing products to be supplied. Values obtained from tests of specimens taken from tubing product may vary from these typical values. The RCP properties were determined on 8" SDR 11 pipe.

DRISCOPLEX[®] 6500 Series

CTS = Copper Tube Size

Nominal Size (Inches)	Dimension Ratio	Outside Diameter (Inches)	Minimum Wall (Inches)	MAOP @ 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"	*NA	0.625	0.09	125	6.5	1,000'	30"/44"/6"	12	12,000'	26	312,000'
1"	*NA	1.125	0.099	77	14	500'	30"/42"/11"	8	4,000'	26	104,000'

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

IPS = Iron Pipe Size

Nominal Size (Inches)	Dimension Ratio	Outside Diameter (Inches)	Minimum Wall (Inches)	MAOP @ 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
3/4"	DR 11	1.05	0.095	80	12	500'	30"/44"/10"	7	3,500'	26	91,000'
1"	DR 11	1.315	0.120	80	19	500'	30"/44"/12"	6	3,000'	26	78,000'
1 1/4"	DR 10	1.66	0.166	89	33	500'	48"/72"/7-1/2"	12	6,000'	7	42,000'
1 1/2"	DR 11	1.9	0.173	80	40	500'	48"/75"/8-1/2"	8	4,000'	7	28,000'
2"	DR 11	2.375	0.216	80	63	500'	52"/78"/13"	7	3,500'	7	24,500'
3"	DR 11	3.5	0.318	80	136	500'	70"/96"/23-3/4"	4	2,000'	6	12,000'
	DR 11.5		0.304	76	131	40'	soft bundles	50	2,000'	14	28,000'
			500'	70"/96"/23-3/4"	4	2,000'	6	12,000'			
4"	DR 11	4.5	0.409	80	225	500'	70"/93"/41"	2	1,000'	6	6,000'
	DR 11.5		0.391	76	217	40'	soft bundles	29	1,160'	14	16,240'
			600'	70"/93"/49-1/2"	upright	12	7,200'				
			1,000'	84"/116"/49"	upright	8 coils	8,000'				
DR 13.5	0.333	64	187	40'	soft bundles	29	1160'	14	16,240'		
6"	DR 11	6.625	0.602	80	489	40'	soft bundles	13	520'	14	7,280'
	DR 11.5		0.576	76	471	40'	soft bundles	13	520'	14	7,280'
			500'	84"/120"/50"	upright	8 coils	4,000'				
			40'	soft bundles	13	14	7,280'				
DR 13.5	0.491	64	407	500'	84"/120"/50"	upright	8 coils	4,000'			
8"	DR 11	8.625	0.784	80	828	40'	soft bundles	9	360'	10	3,600'
	DR 11.5		0.75	76	798	40'	soft bundles	9	360'	10	3,600'
	DR 13.5		0.639	64	690						
10"	DR 11	10.75	0.977	80	1287	40'	soft bundles	9	360'	7	2,520'
	DR 11.5		0.935	76	1237	40'	soft bundles	9	360'	7	2,520'
12"	DR 13.5	12.75	0.944	64	1507	40'	bulk packs	8 joints/layer	320'	6	1,920'

This product flyer is intended for reference purposes. It should not be used in place of the advice from a licensed Professional Engineer. Pressure Rating is based on an operating temperature of 73°F per 49 CFR 192. 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. - These wall thicknesses are minimum per D2513 and not a function of DR.