

DRISCOPLEX[®] 5300 Series PE Piping

DRISCOPLEX[®] 5300 Series PE Piping Climate Guard[®] Pipe



DRISCOPLEX[®] HDPE Piping is available to meet your needs in compliance with ASTM D3035/AWWA C901 or ASTM F714/AWWA C906 and IGSHA product standards.

Produced from only the highest rated HDPE pipe material, DRISCOPLEX[®] 5300 Series PE Piping is manufactured from PE4710 resin as listed in PPI-TR4.

DRISCOPLEX[®] HDPE Piping Advantages:

- ✓ Durable
- ✓ Leak Tight
- ✓ Excellent Flow
- ✓ Low Surge
- ✓ Fatigue Free
- ✓ Impact Resistant
- ✓ Trenchless Install
- ✓ Bend Radius
- ✓ Chemical Resistant
- ✓ UV Protection
- ✓ Flexibility
- ✓ Thermally Conductive

DriscoPlex [®] Series Pipe Material Physical Properties		
Property	Standard	Typical Value†
Material Designation	ASTM F714	PE4710
Cell Classification	ASTM D3350	445574C (black)
Density [4]	ASTM D1505	0.960 g/cc (black)
Melt Index [4]	ASTM D1238	0.08 g/10 min
Flexural Modulus [5]	ASTM D790	>120,000 psi
Tensile Strength [5]	ASTM D638 Type IV	>3500 psi
SCG (PENT) [7]	ASTM F1473	>500 hours
HDB at 73°F (23°C) [4]	ASTM D2837	1600 psi
Color; UV stabilizer [C]	ASTM D3350	Black
[E]		Color with UV Stabilizer

This is not a product specification and does not guarantee or establish specific minimum or maximum values or manufacturing tolerance for material or piping products to be supplied. Values obtained from tests of specimens taken from piping product may vary from these typical values.

DRISCOPEX[®] 5300 Series PE Piping

Additional Sizes and DR available. Contact Performance Pipe or visit www.performancepipe.com

DR 11, 200 psi - Coil

Nom. Size	Dimensions (inches)			Approx. Weight per 100' (lbs)	Coil Length (ft)	Coil Dimensions (inches)			Pallet Size (in ²)	Per Pallet		48 FT T/L Feet
	O.D.	Approx. I.D.	Min. Wall			I.D.	O.D.	Width		Coils	Feet	
3/4"	1.05	0.86	0.095	13	300	30.0	43.00	5.50	44	14	4,200	109,200
					400	30.0	43.00	7.00	44	12	4,800	124,800
					500	30.0	43.00	8.50	44	10	5,000	130,000
					600	30.0	43.00	10.00	44	9	5,400	140,400
1"	1.315	1.075	0.72	20	300	30.0	42.00	9.50	44	9	2,700	70,200
					500	30.0	48.00	9.00	50	10	5,000	110,000
1 1/4"	1.66	1.358	0.151	31	150	34.0	49.25	6.00	50	14	2,100	46,200
					300	48.0	64.00	8.00	67	11	3,300	26,400
					500	48.0	72.00	7.50	78	12	6,000	42,000
1 1/2"	1.9	1.554	0.173	41	500	48.0	70.00	11.00	78	8	4,000	28,000
2"	2.375	1.943	0.216	64	150	50.0	69.00	7.25	78	12	1,800	12,600
					300	50.0	72.00	11.00	78	8	2,400	16,800

DR 11, 200 psi - Joint

Nom. Size	Dimensions (inches)			Approx. Weight per 100' (lbs)	Joint Length (ft)	Bundle Dim (inches)		Joints Per Bundle	Length Per Bundle (ft)	Bundles Per Truck	48 FT T/L Feet
	O.D.	Approx. I.D.	Min. Wall			Width	Height				
3/4"	1.05	0.860	0.095	13	20	23.3	13	185	3,700	48	177,600
1"	1.315	1.075	0.120	20	20	23.3	13	116	2,320	48	111,360
1 1/4"	1.66	1.358	0.151	31	20	44.5	13	153	3,060	28	85,680
1 1/2"	1.90	1.554	0.173	41	20	44.5	14	129	2,580	28	72,240
2"	2.375	1.943	0.216	64	20	44.5	14	88	1,760	28	49,280
3"	3.50	2.864	0.318	139	20	44.5	13.9	50	1,080	28	30,240
4"	4.50	3.682	0.409	231	20	44.5	13.5	29	640	28	17,920

DR 15.5, 135 psi

Nom. Size	Dimensions (inches)			Approx. Weight per 100' (lbs)	Joint Length (ft)	Bundle Dim (inches)		Joints Per Bundle	Length Per Bundle (ft)	Bundles Per Truck	48 FT T/L Feet
	O.D.	Approx. I.D.	Min. Wall			Width	Height				
3"	3.50	3.048	0.226	102	20	44.5	13.9	50	1,080	28	30,240
4"	4.50	3.920	0.290	169	20	44.5	13.5	29	640	28	17,920
6"	6.63	5.771	0.427	366	20	44.5	13.8	13	400	20	8,000
8"	8.63	7.513	0.556	620	20	220 Joints per Truck Load Bulk Pack				4,400	
10"	10.75	9.362	0.694	963	20	144 Joints per Truck Load Bulk Pack				2,880	
12"	12.75	11.104	0.823	1354	20	112 Joints per Truck Load Bulk Pack				2,240	