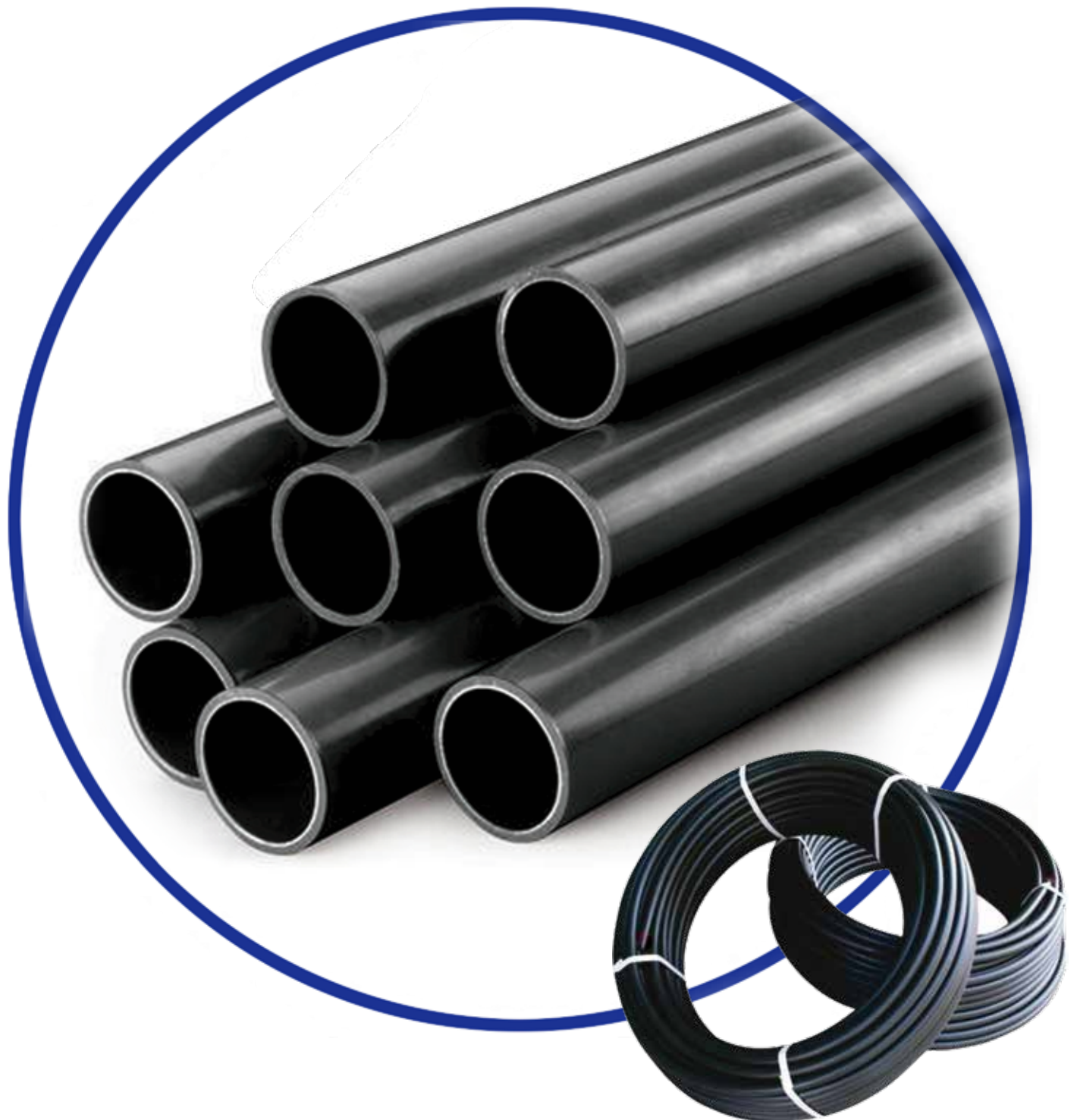


**HDPE**

**Congo Piping SAS**

*One Stop Solution for Piping*

Manufacturing, Supply, Installation



Performance Persistence Partnership

# Material Grade PE 100

Standard Dimension Ratio (SDR)			SDR 41		SDR 33		SDR 26		SDR 21		SDR 17		SDR 13.6		SDR 11		SDR 9		SDR 7.4			
Nominal Pressure PE 100			PN 4		PN 5		PN 6		PN 8		PN 10		PN 12.5		PN 16		PN 20		PN 25			
Nom Size (mm)	MEAN OUTER DIAMETER		WALL THICKNESS		WALL THICKNESS		WALL THICKNESS		WALL THICKNESS		WALL THICKNESS		WALL THICKNESS		WALL THICKNESS		WALL THICKNESS		WALL THICKNESS			
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX		
20	20	20.3																				
25	25	25.3											2.0	2.3	2.0	2.3	2.3	2.7	3.0	3.4	3.0	3.4
32	32	32.3											4.2	4.8	3.0	3.4	3.6	4.1	4.4	5.0	4.4	5.0
40	40	40.4							2.0	2.3	2.4	2.8	3.0	3.5	3.7	4.2	4.5	5.1	5.5	6.2	5.5	6.2
50	50	50.4					2.0	2.3	2.4	2.8	3.0	3.4	3.7	4.2	4.6	5.2	5.6	6.3	6.9	7.7	6.9	7.7
63	63	63.4					2.5	2.9	3.0	3.4	3.8	4.3	4.7	5.3	5.8	6.5	7.1	8.0	8.6	9.6	8.6	9.6
75	75	75.5					2.9	3.3	3.8	4.1	4.5	5.1	5.6	6.3	6.8	7.6	8.4	9.4	10.3	11.5	10.3	11.5
90	90	90.6					3.5	4.0	4.3	4.9	5.4	6.1	6.7	7.5	8.2	9.2	10.1	11.3	12.3	13.7	12.3	13.7
110	110	110.7					4.2	4.8	5.3	6.0	6.6	7.4	8.1	9.1	10.0	11.1	12.3	13.7	15.1	16.8	15.1	16.8
125	125	125.8					4.8	5.4	6.0	6.7	7.4	8.3	9.2	10.3	11.4	12.7	14.0	15.6	17.1	19.0	17.1	19.0
140	140	140.9					5.4	6.1	6.7	7.5	8.3	9.3	10.3	11.5	12.7	14.1	15.7	17.9	19.2	21.3	19.2	21.3
160	160	161.0					6.2	7.0	7.7	8.6	9.5	10.6	11.8	13.1	14.6	16.2	17.9	19.8	21.9	24.2	21.9	24.2
180	180	181.1					6.9	7.7	8.6	9.6	10.7	11.9	13.3	14.8	16.4	18.2	20.1	22.3	24.6	27.2	24.6	27.2
200	200	201.2					7.7	8.6	9.6	10.7	11.9	13.2	14.7	16.3	18.2	20.2	22.4	24.8	27.4	30.3	27.4	30.3
225	225	226.4					8.6	9.6	10.8	12.0	13.4	14.9	16.6	18.4	20.5	22.7	25.2	27.9	30.8	34.0	30.8	34.0
250	250	251.5					9.8	10.7	11.9	13.2	14.8	16.4	18.4	20.4	22.7	25.1	27.9	30.8	34.2	37.8	34.2	37.8
280	280	281.7					10.7	11.9	13.4	14.9	16.6	18.4	20.6	22.8	25.4	28.1	31.3	34.6	38.3	42.3	38.3	42.3
315	315	316.9	7.7	8.6	9.7	10.8	12.1	13.5	15.0	16.6	18.7	20.7	23.2	25.7	28.6	31.6	35.2	38.9	43.1	47.6	43.1	47.6
355	355	357.2	8.7	9.7	10.6	12.1	13.6	15.1	16.9	18.7	21.1	23.4	26.1	28.9	32.2	35.6	39.7	43.8	48.5	53.5	48.5	53.5
400	400	404.4	9.8	10.9	12.3	13.7	15.3	17.0	19.1	21.2	23.7	26.2	29.4	32.5	36.3	40.1	44.7	49.3	54.7	60.3	54.7	60.3
450	450	452.7	11.0	12.2	13.8	15.3	17.2	19.1	21.5	23.8	26.7	29.5	33.1	36.6	40.9	45.1	50.3	55.5	61.5	67.8	61.5	67.8
500	500	503.0	12.3	13.7	15.3	17.0	19.1	21.2	23.9	26.4	29.7	32.8	36.8	40.6	45.4	50.1	55.8	61.5				
560	560	563.4	13.7	15.2	17.2	19.1	21.4	23.7	26.7	29.5	33.2	36.7	41.2	45.5	50.8	56.0	62.5	68.9				
630	630	633.8	15.4	17.1	19.3	21.4	24.1	26.7	30.0	33.1	37.4	41.3	46.3	51.1	57.2	63.1	70.3	77.5				
710	710	716.4	17.4	19.3	21.8	24.1	27.2	30.1	33.9	37.4	42.1	46.5	52.2	57.6	64.5	71.1	79.3	87.4				
800	800	807.2	19.6	21.7	24.5	27.1	30.6	33.8	38.1	42.1	47.4	52.3	58.8	64.8	72.6	80.0	89.3	98.4				
900	900	908.1	22.0	24.3	27.6	30.5	34.4	38.3	42.9	47.3	53.3	58.8	66.2	73.0	81.7	90.0						

## Product Display



# Applications



Mining



Industrial



Sanitation

HDPE - An engineering plastic most ideal for effluent treatment plants and chemical handling which has been accepted worldwide as economical, efficient and easy to handle replacement to conventional pipes for almost all applications.

## Industrial Applications

- Underground water pipelines.
- Supply of compressed air in mines, factories and construction sites, De-watering of mines, Sand stoying and filling, Transportation of slurry, Mineral ores, Concentrates, Tailings, Slimes and Paper pulp.
- Sewage and Drainage management pipelines.
- Cross country water management pipelines.
- Conveying acid, alkalies and other corrosive chemicals.
- Conveying corrosive effluents of chemical and other process industries like petrochemical, paper, dye-stuffs, rayon and fertilizers.

## Why Congo Piping

- Manufactured locally in Lubumbashi DRC
- Faster delivery
- Employment for DRC Nationals
- Stock availability of pipes & fittings
- Cost effective compared to outsourced products

## Advantages Of HDPE Pipes

- **Light Weight**  
Easy handling and speedy installation of pipes.
- **Toughness and Flexural Strength**  
Due to excellent impact resistance, it can withstand various loads like earth movement, traffic load etc. It can be safely used for low temperatures up to -40°.
- **Chemical Resistance**  
Excellent resistance to most corrosive chemicals, acid and alkalines.
- **Smooth Inner Surface**  
This reduces Frictional losses and hence saves energy. Capable of conveying abrasive materials like slurry, sand, boiler ash, ores, food grains etc.

# Congo Piping SAS



**794, Deviation Rout Likasi,  
Commune Annexe,  
Lubumbashi, DRC**



**+243 900458347  
+243 991007250  
+243 999977486**



**info@conGOPiping.com**

## Our Valuable Customers

### Supply Customers :

**Somika SARL  
Kisanfu Mining  
Tenke Fungurume Mining (TFM)  
Regideso  
MMG Mines**

### Installation Customers :

**Ruashi Mining  
Kamoa Kakula Copper Mine  
Kamoto Copper Company SA**

