



# HDPE SINGLE WALL CORRUGATED PIPE (SWC PIPE)

## SPECIFICATION & DIMENSION SHEET

HDPE single wall corrugated pipe is manufactured from high-density polyethylene (HDPE) with excellent flexibility, impact resistance, corrosion resistance and long service life. It is widely used in drainage and sewer systems, cable protection and other underground infrastructure applications.



Corrosion  
Resistance



Lightweight  
& Flexible



Long Service  
Life



Easy  
Installation



Cost  
Effective

### SPECIFICATION & DIMENSION

Nominal Inner Diameter (DN/ID, mm)	Outer Diameter Deviation (mm)	Minimum Inner Diameter (mm)	Wall Thickness (mm)
20	25 ± 2	20 ± 2	0.95 ± 0.25
25	29 ± 2	25 ± 2	0.95 ± 0.25
32	38 ± 2	32 ± 3	0.95 ± 0.25
40	48 ± 2	40 ± 3	1.05 ± 0.35
65	75 ± 2	65 ± 5	1.35 ± 0.35
80	89 ± 3	80 ± 8	1.35 ± 0.45
100	108 ± 3	100 ± 10	1.7 ± 0.8
125	139 ± 4	125 ± 10	1.75 ± 0.75
150	168 ± 4	150 ± 10	2.1 ± 0.9
175	200 ± 4	175 ± 10	2.15 ± 0.85
200	225 ± 5	200 ± 10	2.15 ± 0.85
250	280 ± 15	250 ± 15	2.4 ± 1.1
300	330 ± 15	300 ± 15	2.4 ± 1.1

### TECHNICAL INFORMATION

- **Material:** HDPE (High-Density Polyethylene)
- **Color:** Black (other colors available upon request)
- **Structure:** Single wall corrugated
- **Connection:** Socket / Coupling
- **Length:** Standard 6m per pipe (other lengths available upon request)
- **Service Life:** ≥ 50 years
- **Temperature Range:** -40°C to +60°C

### NOTES

- All dimensions are in millimeters (mm).
- Outer diameter deviation and wall thickness are in accordance with standard tolerance.
- The above dimensions are for reference only.
- Other sizes can be customized upon request.

