



# CROWN<sup>®</sup> PIPES

PUTTING SAFETY AND QUALITY FIRST



# CROWN HDPE DOUBLE WALL

HIGH DENSITY POLYETHYLENE PIPES  
DIN 16961 • ASTM F894 • ASTM F449 • ASTM F2648



## FEATURES

- Lightweight
- Flexible
- Easy Installation
- Chemical and Abrasion Resistant
- Hydraulic Efficiency
- Structural Performance
- Resistance to Root Intrusion
- Cost-Effectiveness
- Low Thermal Conductivity
- Environmental Friendly



## PRODUCT APPLICATIONS

- Sewage and storm drainage system
- Sewage treatment plant
- Industrial waste discharge
- Mixed water channel
- Irrigation
- Agricultural Drainage
- Road/highway cross drainage



A QUALITY PRODUCT MANUFACTURED BY :



## CROWN ASIA CHEMICALS CORPORATION<sup>®</sup>

Plant : Km. 33, Mc Arthur Highway Tuktukan, Guiguinto, Bulacan : (044) 794-0268 to 70 • Valenzuela Plant & Office: ITC Compound Canumay East, Valenzuela City : 8277-0880 loc. 122 - 132  
Quezon City Office: Unit 506 President Tower, 81 Timog Avenue, Quezon City : 8294-2071 loc. 103 - 107

[f](#) [t](#) [i](#) [c](#) CROWNPICESPH [w](#) CROWN PVC.COM.PH [e](#) SALES@CROWN PVC.COM.PH [t](#) 8277-0880

# CROWN HDPE DOUBLE WALL

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## SN4 (NON-LOAD BEARING)

Size	DN / ID (mm)	DN / OD RANGE (mm)	Thickness (mm)
150 mm	150 mm	165 - 170 mm	15.30 mm
200 mm	200 mm	210 - 214 mm	13.60 mm
250 mm	250 mm	265 - 280 mm	20.13 mm
300 mm	300 mm	310 - 316 mm	15.54 mm
400 mm	400 mm	410 - 433 mm	32.41 mm
500 mm	500 mm	515 - 539 mm	38.36 mm
600 mm	600 mm	615 - 669 mm	38.36 mm
700 mm	700 mm	715 - 739 mm	38.50 mm
800 mm	800 mm	815 - 839 mm	39.24 mm
900 mm	900 mm	917 - 940 mm	39.63 mm
1000 mm	1000 mm	1015 - 1050 mm	46.83 mm
1200 mm	1200 mm	1220 - 1263 mm	60.50 mm
1300 mm	1300 mm	1320 - 1365 mm	61.25 mm
1400 mm	1400 mm	1420 - 1471 mm	66.27 mm
1500 mm	1500 mm	1530 - 1580 mm	67.43 mm
1600 mm	1600 mm	1627 - 1680 mm	68.05 mm
1800 mm	1800 mm	1835 - 1880 mm	68.40 mm
2000 mm	2000 mm	2030 - 2078 mm	68.80 mm
2200 mm	2200 mm	2245 - 2293 mm	70.22 mm
2400 mm	2400 mm	2430 - 2488 mm	71.87 mm

## SN8 (LOAD BEARING)

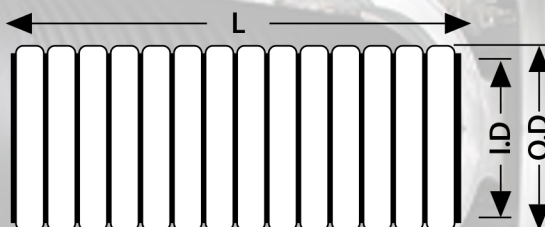
Size	DN / ID (mm)	DN / OD RANGE (mm)	Thickness (mm)
150 mm	150 mm	165 - 170 mm	17.60 mm
200 mm	200 mm	210 - 214 mm	15.64 mm
250 mm	250 mm	265 - 280 mm	23.15 mm
300 mm	300 mm	310 - 317 mm	17.87 mm
400 mm	400 mm	410 - 437 mm	37.27 mm
500 mm	500 mm	515 - 540 mm	44.11 mm
600 mm	600 mm	615 - 641 mm	44.11 mm
700 mm	700 mm	715 - 743 mm	44.28 mm
800 mm	800 mm	815 - 843 mm	45.13 mm
900 mm	900 mm	917 - 945 mm	45.57 mm
1000 mm	1000 mm	1015 - 1053 mm	46.83 mm
1200 mm	1200 mm	1220 - 1273 mm	53.85 mm
1300 mm	1300 mm	1320 - 1370 mm	69.58 mm
1400 mm	1400 mm	1420 - 1476 mm	70.44 mm
1500 mm	1500 mm	1530 - 1580 mm	76.21 mm
1600 mm	1600 mm	1627 - 1680 mm	77.54 mm
1800 mm	1800 mm	1835 - 1880 mm	78.66 mm
2000 mm	2000 mm	2030 - 2078 mm	79.15 mm
2200 mm	2200 mm	2245 - 2293 mm	80.45 mm
2400 mm	2400 mm	2430 - 2488 mm	82.12 mm

## CONNECTING FUSION

Thickness (mm)
175 mm
215 mm
280 mm
317 mm
437 mm
540 mm
641 mm
743 mm
843 mm
945 mm
1053 mm
1270 mm
1370 mm
1476 mm
1580 mm
1680 mm
1880 mm
2150 mm
2285 mm
2492 mm

## STANDARD LENGTH

The standard length 6 to 12 meters making it easier to store, handle and transport.



\*Free from corrosion, chemicals reactivity and excellent abrasion resistance these pipes can last over a century.

## ADVANTAGES AND BENEFITS OF CROWN HDPE DUAL WALL CORRUGATED PIPES:

- **LIGHTWEIGHT** – Swift installations ensured with easy transportation, even in challenging conditions.
- **FLEXIBLE** – Adaptable to various stresses and soil movements, minimizing breakage risks.
- **EASY INSTALLATION** – Hassle-free setup due to lightweight design and simplified joint systems.
- **CHEMICAL AND ABRASION RESISTANT** – Exceptional durability against chemicals and sewerage effluents, ensuring prolonged service life.
- **HYDRAULIC EFFICIENCY** – Smooth interior ensures optimal flow, resisting corrosion and maintaining performance over time.
- **STRUCTURAL PERFORMANCE** – Highly durable materials withstand transportation and installation impacts, supported by corrugated strength.
- **RESISTANCE TO ROOT INTRUSION** – Smooth inner surface prevents root intrusion, reducing maintenance needs.
- **COST-EFFECTIVENESS** – Reduced expenses over the lifecycle, from transportation to maintenance, ensuring a high return on investment.
- **LOW THERMAL CONDUCTIVITY** – Minimizes heat loss or gain during fluid transport, ideal for applications requiring precise temperature control like chilled water or geothermal systems.
- **ENVIRONMENTAL FRIENDLINESS** – It contributes to sustainable development practices by minimizing energy consumption and reducing carbon footprint, thus promoting eco-friendliness.

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[CROWN PVC.COM.PH](https://www.crownpvc.com.ph)
[SALES@CROWN PVC.COM.PH](mailto:SALES@CROWN PVC.COM.PH)
[8277-0880](tel:8277-0880)