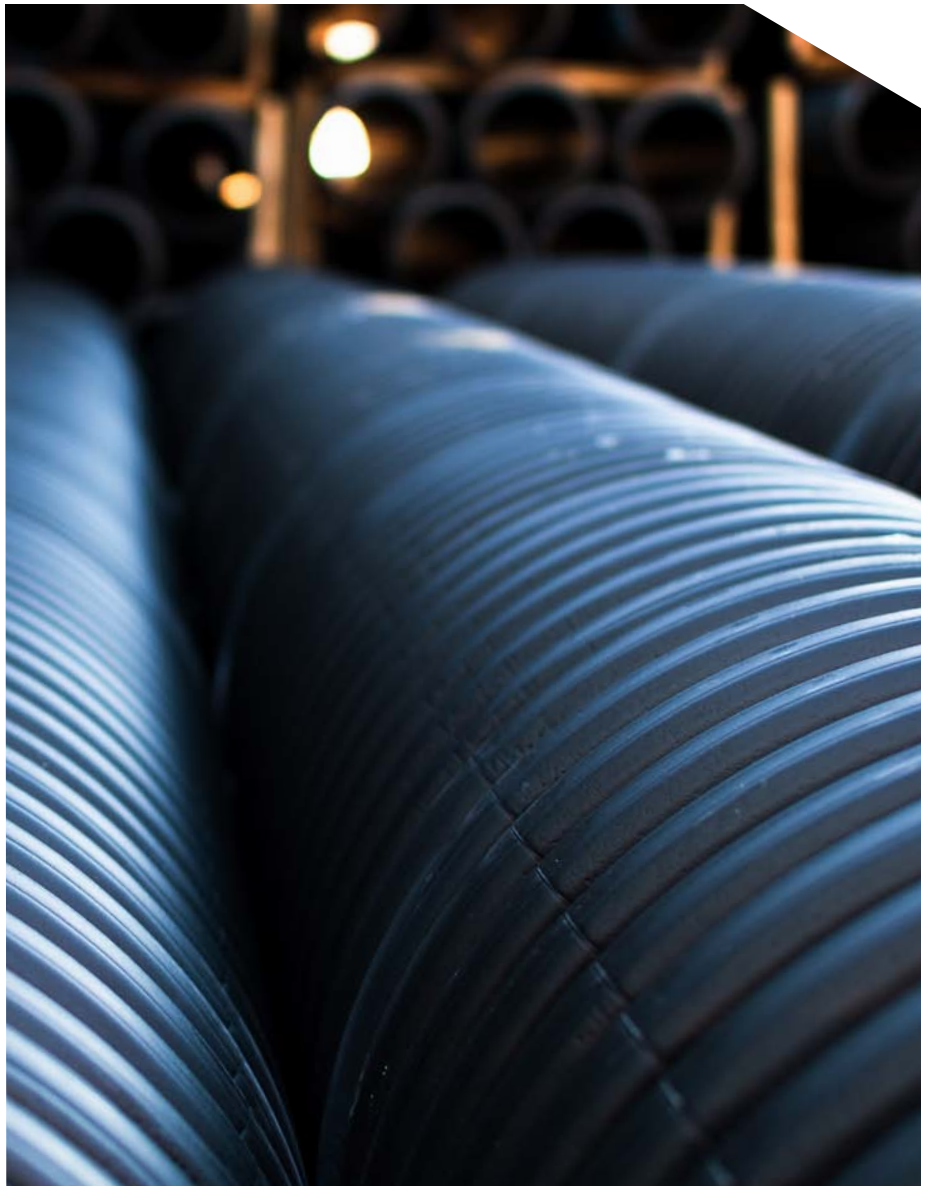


DRAINAGE SOLUTIONS AND WATER TREATMENT / HDPE PIPE (BOSS)

BOSS 2000 PRODUCT GUIDE

DUAL-WALL CORRUGATED
HDPE DRAINAGE PIPE WITH
A SMOOTH INNER WALL
TO OFFER OPTIMUM
HYDRAULIC PERFORMANCE

Optimum hydraulics
Multiple sizes
Strong and durable



BOSS 2000 incorporates the strength of a corrugated outer shell with a smooth inner wall to optimize hydraulics. BOSS 2000 is designed for storm sewer and drainage applications where strength, economy, smooth wall hydraulics and certification to Canadian Standards Association's Standard B182.8 are required.

Typical applications include municipal storm sewers, highway median drainage, and stream enclosures. Other common uses include greenhouse drainage, airport runway sewers, roadway culverts and cross drains. BOSS 2000 can also be perforated for stormwater management applications and groundwater infiltration or exfiltration galleries.

Optimum hydraulics

The smooth interior ensures optimum flow capacity for storm sewer applications

While test values for Manning's 'n' have been as low as 0.010, engineers typically use 0.012 for design

Fittings and accessories

BOSS 2000 storm sewer pipes come complete with a full range of available fittings

Moulded fittings and adapters are available, as well as an extensive selection of custom fabricated fittings

TYPICAL APPLICATIONS

- Municipal and highway storm sewers and culverts
- Resource road culverts
- Recharge drainage systems
- Leachate collection systems
- Stormwater management
- Airport runway sewers

NOTE

- High Density Polyethylene resin meets a minimum cell class of 424420C as defined by ASTM D3350
- Perforated pipe and filter sock is available on special order, please contact a local Armtec representative

FITTINGS AVAILABLE

- Fabricated fittings
- Tees
- Ys
- Elbows
- Crosses
- Repair couplings
- Concentric reducers
- Eccentric reducers
- End caps
- Manhole adapters
- Inserta-Tees
- SDR adapters

COUPLERS AVAILABLE

- External double bell snap couplers (100mm - 200mm)
- External split couplers (250mm - 900mm)
- Repair couplers
- Ultra-Stab (Bell & Spigot) joints, when required



BOSS 2000 - 250MM



BOSS 2000 - DETAIL OF 300MM



BOSS 2000 - 200MM WITH FILTER SOCK



BOSS 2000 - 150MM WITH GEO SOCK



BOSS 2000 - DETAIL OF 300MM

SPECIFICATIONS

Stocked lengths	6m
Custom lengths	Available on special order
Stocked stiffness	<ul style="list-style-type: none"> • 320kPa (100mm - 900mm) • 210kPa (250mm - 900mm)
Joining systems	Water tight <ul style="list-style-type: none"> • Ultra Stab 75 (100mm - 900mm) Soil tight <ul style="list-style-type: none"> • External double bell “snap” coupler (100mm - 200mm) • External “split” coupler (250mm - 900mm)
Fitting availability	All BOSS 2000 fittings
Applicable standards	<ul style="list-style-type: none"> • CSA B182.8/Storm • OPSS 1840 • OPSS 410 • OPSD 806.02 • ASTM D3350 • BNQ 3624-120
Third party certification	<ul style="list-style-type: none"> • BNQ available where required • Pipe, joining systems and fittings are certified by CSA to CSA B182.8 where specified

Nominal Inside Diameters mm	100	150	200	250	300	375	450	525	600	750	900
Outside Diameters mm	120	177	234	292	361	444	540	627	726	895	1,087
Profile Type (A) Annular (H) Helical	A	A	A	A	A	A	A	A	A	A	A

NOTE

- Manning's 'n' value = 0.012

[BOSS 200 HDPE Pipe on Armtec.com](#)



Armtec is a leading Canadian infrastructure and construction materials company combining creative engineered solutions, relevant advice, dedicated people, proven products and a national presence with a local focus on exceptional customer service.

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