

## PolarPipe® White-Shell Polyethylene Pipe



PolarPipe® White-Shell polyethylene (PE) pipe (U.S. Patent Pending) provides an innovative solution for above-ground piping applications subject to extended periods of sunlight exposure.

PolarPipe® PE pipe is produced with a white shell that is simultaneously co-extruded with the core PE pipe and is designed for above-ground applications where piping is subject to demanding fluctuations in temperature.

PolarPipe® PE pipe is intended to serve these markets: mining, tailings & slurries, oil & gas producing applications and other above-ground industrial applications. The white shell minimizes solar radiation absorption, providing some key benefits.

### Benefits of PolarPipe® PE Pipe

- Lower pipe surface temperature for a reduced effect on pressure capability
- Reduced thermal expansion and contraction
- Reduced abrasion due to less 'snaking'

PolarPipe® is available in sizes ranging from 4" to 26" IPS.

Bulletin PP 540 | August 2024

Black HDPE Pipe temperature on sunny day



PolarPipe® temperature on the same day\*



\*Temperature and temperature range reduction will vary based on geographical location, time of day/year, weather and the flow and temperature of fluid conveyance. Pipes shown were empty at reading.

For more information please contact:

#### General Information

+1 (800) 527-0662

#### Technical Services

[pipe-techsupport@cpchem.com](mailto:pipe-techsupport@cpchem.com)

+1 (972) 599-6632