

Vinidex Aquakool™

The *Kool* solution for watering livestock.

Produced with a thin outer skin of white PE100 material which is coextruded with a black inner pipe wall, Vinidex Aquakool™ will stay cooler than equivalent black PE100 pipe in the same conditions.

This makes Vinidex Aquakool™ the ideal choice for supplying water to livestock in hot conditions, particularly when large distances are involved.

Features & Benefits

Vinidex Aquakool™ is ideally suited for exposed above-ground applications where traditional black PE100 pressure pipe is likely to retain heat and increase the temperature of the fluid inside the pipe.

The benefits of a reduced temperature for the conveyed fluid include:

- **Reduced thermal expansion and contraction which:**
 - Reduces the amount of pipe movement and the need to “snake” pipelines to accommodate the movement
 - Reduced anchorage loads
 - Reduced thermal stress on the pipe material
- **Reduced temperature rise in the fluid and cooler fluid being transferred through the pipeline**
- Potentially reduces the need to de-rate the pipeline pressure rating (refer PIPA POP013 for more information).

Product Range

Size	Product Code	PN Rating	Coil Length
1"	22831	9	200m
1 1/4"	22824	9	150m
1 1/2"	22826	9	150m
2"	22827	9	100m

Note: Variations in solar radiation intensity with time of day, cloud cover, attitude, altitude, season and pipeline orientation will affect pipe temperature. Wind velocity, ambient temperature and the flow rate, temperature and nature of the conveyed fluid will also influence the pipe wall temperature.

