

Solabloc Co-Extruded White HDPE Pipe

Over time, the effects of the sun's ultraviolet (UV) radiation can degrade plastic. David Moss Solabloc designed for use in high temperatures and ideal for above ground installations, our PE100 pipe is manufactured with a highly reflective white external skin which significantly reduces heat absorption. During manufacture the white outer layer is co-extruded with the inner black pipe wall and forms an integral part of the pipe. Extensive testing has proved that heat absorption is greatly reduced, whilst maintaining UV stability, compared to standard black PE pipe under the same conditions. As with all the pipe in our range, our Solabloc pipe range is manufactured to meet or exceed the specifications of AS/NZS 4130: PE Pipes for Pressure Applications.

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**Radiation
Absorption**



**Standard
Black
PE Pipe
95%**

**Co-
Extruded
PE Pipe
41%**

Co-extruded HDPE

David Moss manufacture and supply co-extruded HDPE pipe ranging from 20mm to 1200mm in diameter and coils from 40mm to 160mm diameter, available from SDR33 to SDR7.4.

Designed for High Temperature service, David Moss Solabloc pipe was developed to tackle the common issues that arise with HDPE pipe being used in high temperature environments. David Moss Corporation utilise advanced extrusion technologies to apply a white external coating to the conventional black pipe, thus providing a semi reflective coating, that inhibits the amount of radiation absorption. UV and Radiation absorption have drastic impacts on both the life span of the pipeline, and the pipelines ability to run at maximum pressure for its full design life, there are also strict deregulation standards applied to pipelines that are supplied in solid black. With this in mind David Moss Solabloc was developed to allow asset owners and pipeline designers to improve the efficiency, extend the design life and lower the maintenance cycle and running cost of their pipelines.



ADVANTAGES

- ✓ Designed for use in high temperatures
- ✓ Reduced temperature rise in contents conveyed
- ✓ Thinner pipe means lower purchase cost
- ✓ Greater hydraulic capacity
- ✓ Reduced contraction and expansion
- ✓ Reduced movement on tailings dam walls & racks
- ✓ Reduced anchorage loads
- ✓ More resistance to collapse under vacuum effect
- ✓ Easier to handle in longer lengths

