

Paintflex® Liquid Painting System: <IR Block> for Polyethylene (HDPE / LLDPE) Storage Tanks



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	Without PaintFlex® Painting System	With PaintFlex® Painting System
		PaintFlex® IR Block (IR Block)
Protect from InfraRed Rays	No protect from IR.	Block IR 100% with no time limit
How to stop IR on the PE Products	The effects of infrared (IR) on PE tanks are unavoidable	No IR adverse effect. No need to re-Paint. If needs, touch up paint.
Colour		All Custom requested Colour are available. Can paint multiple colour

PaintFlex® Liquide Paint prevents HDPE & LLDPE tanks from being negatively affected by infrared (IR) radiation.

- ✓ Reduced thermal expansion due to IR:
High temperatures due to infrared absorption cause expansion, dramatically reducing warping, twisting, or overall dimensional distortion.
- ✓ Reduced embrittlement:
Repeated thermal cycling dries out plasticizers, making the polymer hard and brittle, dramatically reducing the occurrence of cracks.
- ✓ Reduced strength loss:
Continuous heating dramatically reduces the tensile and mechanical strength of plastics such as HDPE & LLDPE.

PaintFlex® Paint

Most important Point:

- ✓ PaintFlex® Paint **CAN** adhere on the PE surfaces with simple painting process permanently after moulding process
 - Simply Apply by standard painting tools like spray/Brush/Roller
- ✓ Resistance to expand/Contract & Vibration.
- ✓ Resistance to Peeling and cracking
- ✓ UV Rays & Fading Resistance itself.
- ✓ Power Wash resistance
- ✓ Allow binding on itself direct most Conventional/Standard Cosmetic & Functional Paint -Coatings Without sanding, if it need it
- ✓ It can recoat unlimited time, if needs.

You do **NOT** need to these methods for paint on PE Products:

- ⦿ Heat, Flame, Corona, Plasma and other heat related treatments
- ⦿ Primer for PaintFlex® Adhesion on PE Products
- ⦿ Top Coat for UV Protection.