



**AFRICA**  
**HDPE**  
FABRICATION & FITTINGS

# HDPE CUSTOM PRODUCTS

Africa HDPE is a leading provider of HDPE products for a variety of applications. Our HDPE products are made from high-density polyethylene and are highly durable and resistant to wear and tear chemicals, and extreme temperatures. Africa HDPE specializes in the fabrication of custom HDPE products and supplies a wide range of HDPE fittings.

We strive to provide our customers with the highest quality HDPE products available, at a competitive price along with excellent customer service.

Contact us today to learn more about our products and services.

## Custom Plastic Tanks

Open surface tanks used in various industries are manufactured from HDPE & PP for its excellent chemical resistant properties. These tanks are normally rectangular and in certain circumstances require steel reinforcing or support. Designs are in accordance with DVS 2205 specifications with full design calculations available upon request.

### Examples:

- Rotational moulded tanks with custom nozzles
- Acid storage tanks
- Mixing tanks
- Custom tanks



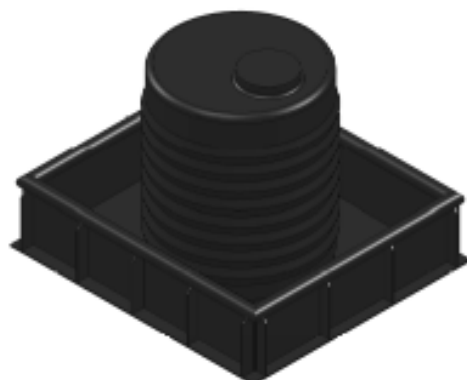
## Chemical Bunds

Bunding, also called a bund wall, is a constructed retaining wall designed to prevent inundation or breaches from a known source. It is a secondary containment system commonly used to protect environments from spills where chemicals are stored.

Sinvac Mining & Engineering has the ability to fabricate any custom Chemical bunds if one of our standard sizes do not fit the purpose. Our standard sizes were designed to complement the range of LLDPE tanks (Water or Chemical) that we manufacture at Sinvac Plastics.

### Standard size chemical bunds:

- **300 L**
- **500 L**
- **1000 L**
- **2000 L**
- **5000 L**
- **10 000 L**



## P-Trap (Erf connections)

Sinvac Mining & Engineering has extensive experience in erf connections and we have therefore developed a P-trap that is fabricated out of HDPE pipes and that is used in the new housing developments (erf connections). This P-trap is used in dolomitic areas and has been tried, tested and accepted.



## Manholes

Sinvac Mining & Engineering has extensive experience in the manufacture / fabrication of HDPE Manholes. We are the OEM of the entire "supply chain" which gives us a competitive advantage with regards to quality, cost and lead time.

According to legislation brought in by die Department of Water Affairs and Forestry (DWAF), conventional concrete manholes are not allowed to be installed in dolomitic areas in South Africa and only HDPE Manholes with no mechanical joints are allowed.

Sinvac Mining & Engineering manufactures / fabricates a whole range of different Manholes and Inspection chambers with fixed, welded joints according to our customer specifications. We have a designed "Manhole Order / Enquiry Form" which makes sure that we receive all the information needed to give you an accurate and professional quote.

## Custom Fabrications – Anything is possible! (HDPE & PP)

Sinvac Mining & Engineering has a group of highly qualified and experienced staff working in our Plastic Fabrication Shop. Combined with our technical skills, we have the equipment and the tools to execute the work needed.

We have the ability to fabricate anything out of HDPE & PP. The possibilities are endless and combined with our Engineering BU, we can take a project from concept through to execution.

