



MTEx LABORATORIES

IP TESTING

Scope of Accreditation:

We can test to SANS 60529 for dust IP 5X and IP 6X and water IP X5; X6, X7 and X8 and SANAS accredited as a SANS17025 Laboratory.

| First number IP | Protection against solids test | | Second number IP | Protection against liquids test | |
|-----------------|--------------------------------|---|------------------|---------------------------------|--|
| 0 | | No protection. | 0 | | No protection. |
| 1 | | Protection against solid objects over 50 mm e.g. accidental touch by hands. | 1 | | Protected against vertically falling drops of water. |
| 2 | | Protection against solid objects over 12 mm e.g. fingers. | 2 | | Protected against direct sprays of water up to 15° from the vertical. |
| 3 | | Protection against solid objects over 2,5 mm (tools & wires). | 3 | | Protection against sprays 60° from the vertical. |
| 4 | | Protection against solid objects over 1 mm (tools, wires & small wires). | 4 | | Protection against water sprayed from all directions — limited ingress permitted. |
| 5 | | Protection against dust — limited ingress (no harmful deposit). | 5 | | Protection against low pressure jets of water prayed from all directions — limited ingress permitted. |
| 6 | | Totally protected against dust. | 6 | | Protection against strong pressure jets of water e.g. for use on ship decks — limited ingress permitted. |
| | | | 7 | | Protection against the effects of temporary immersion between 15 cm and 1 m. Duration of test 30 min. |
| | | | 8 | | Protection long periods of immersion under pressure |

What SIZE sample can we test?

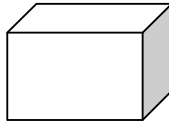




Ontploffing Beskermingsdienste
Explosion Prevention Services

For IP5X and IP6X we can test samples with dimensions of up to:

1000mm (w) x 2300mm(l) x 1100mm(h)



With a weight limitation of about 200kg

Our dust tank is easy to load and therefore minimises chances of damage to the sample from handling.

Feel free to call or visit our website (www.mtexlab.co.za) if you need more information!