

Delivering Sealing **Solutions** for **Industrial use**

**Secure your critical operations
with customized mechanical
seals, repair and maintenance**

Based in **Germiston, Gauteng** we bring technical expertise, quality assurance and a tireless work ethic to every task



*Your Partner for
Sealing Technology*

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company profile

Products for demanding industries

→ Oil and gas

→ Wind power and energy

→ Pharma and healthcare

→ Hydraulics and pneumatic

→ Food and beverage

→ Automotive

→ Water and Sanitary

→ Chemical processing

Our Values

Tegeneza Engineering Services is a family-owned company and our values are the foundations on which we are built. They guide the way we conduct business, work with our customers, within our local communities and with each other.

- **Quality Products** | Unparalleled Service | **Logistical Proficiency**
- Duty to The Environment

Tegeneza offers a comprehensive range of product- engineered solutions and services for heavy duty fluid power equipment.

Tegeneza Engineering services is an independent provider of fluid sealing products, offering repair, stocking, and distribution services. With over two decades of experience, we have consistently exceeded our customers' expectations by delivering high-quality products, exceptional service, and unbeatable value. Our goal is to work in partnership with our clients, providing them with expert industry knowledge, technical expertise, and cost-saving solutions.

Tegeneza Engineering Services was established in Johannesburg in 2006 as a principal supplier of mechanical seals, gland packing and couplings to end users. Our company is the sole agent for the Kinetic Seal range of products. Our products and services are employed by many industry leaders as we continue to develop our range to suit the needs of the market. We are a 100% black owned company 50% black woman owned and we currently hold a BBB-EE level 3.

Our Vision

To provide the products, services, and knowledge to support profitable customer relationships in partnership with the world's premier fluid sealing manufacturers.

Our Mission

We are committed to delivering exceptional value, quality, and service to our customers, and we look forward to working with you to meet your



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We offer professional consultations in order to discuss your unique requirements and help you select the most appropriate surface treatment for your application.

Our team is always available to answer your questions.





What We Do

Nature of Business

Tegeneza Engineering Services designs, manufactures and supplies engineered products and sealing devices in a wide range of industrial applications. The unique conditions of the South African industry are met through years of hands-on experience. We also offer reconditioning services as well as onsite design and technical assistance. Our success going forward will be based on the reduced cost of ownership and the improved service provided to our customers. If we do our job properly, our customers will have no doubt that sourcing from Tegeneza enhances their bottom line and improves their productivity.

Tegeneza Engineering Services sincerely appreciates the support, business and friendship that we enjoy from our customers, suppliers and employees.

We look forward to building those relationships stronger and hope that we have the opportunity to foster many new relationships in the years to come.

Networking

Tegeneza has developed a network with manufacturers in South Africa and abroad to assist in offering a complete one-stop-shopping experience. We deal with many industry role-players to ensure our clients are getting the best

How We Work

Business Model

Most pump repair facilities, seal distribution outlets, OEMs and end users are under more industry pressure than ever before when it comes to cost reduction and delivery immediacy. Tegeneza is committed to establishing a broad in-stock inventory of mechanical seals, gland packing, gaskets and couplings, which will satisfy a diverse base of customers. An updated computerised inventory system allows our customers to find what they are looking for quickly and reliably.

Another pillar of our business model is our commitment to a very aggressive price structure that is uncommon in the industry, with this we hope to exceed all expectations. Not only is a broad inventory base at the best price important, but also the level of product quality we provide each customer. Indicative of this fact is the repeat business that we enjoy of new customers as well as the loyalty we have from our longterm customers and of course the increased MTBF realised by the end user.

Our experience in the field coupled with a tremendous network of suppliers, engineering support and facility staff have earned us the reputation of supplying straightforward answers, finding uncommon products quickly and applying the correct products appropriately time after time.

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Simplify your Business Services

Tegeneza aims at uniting various enhanced solutions across the entire value chain, simplifying the processes of engineering, logistics, manufacturing and aftermarket for the customer.



Engineering



Logistics



Manufacturing



After Market

Services

» Design Support

We offer professional consultations in order to discuss your unique requirements and help you draw and design the most appropriate products for your application.

» Manufacturing

Tegeneza is at the forefront of fluid seal manufacturing and have an exceptional reputation for delivering quality sealing solutions fast. We operate our own in-house designed CAD/CAM production software and continuously design and add new fluid seal designs to our portfolio.

» Material Testing

Our test equipment can provide assurance that the actual production material your parts will be manufactured from meet the standard required. We offer comprehensive certification and inspection levels to suit your requirements.

» On-Site Assistance

Apart from the standard services associated with the business, Tegeneza also offers extensive on-site design assistance as well as on-site technical support. In addition to this we recondition mechanical seals and pumps

Value Added Services

» Logistic Partner

We consider it to be of the outmost importance to offer the best logistic solutions, based on mutual agreements regarding deliveries at scheduled dates and proper quantities.

» Quick Sealing Service

Tegeneza covers your short-notice needs for sealing solutions, whether you require a prototype, functional sample or a small batch rapidly.

» Assembly

Tegeneza is willing and able to offer pre-assembled parts put together by specially trained staff, delivered directly to the customer.

» Customized Packaging

We can send your parts with labels printed with your logo or in your own boxes. With your logo, part number and what ever information you might want to add.

Contact us for more information

If you have any questions about our products or need assistance choosing the right industrial seals for your application, please don't hesitate to contact us, our expert team is here to help.

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A house of tailor-made offerings

O-rings & static seals
Engineered machined seals
Sanitary seals
Rotary seals
Hydraulic seals
Grease, lube & coating

Custom parts
Gaskets and washers
Repair kits & custom kits
Installation tools
Extruded profiles
Circlips

Product Range

Tegeneza stocks over 3000 products in the Kinetic Seal range, and this number continues to grow daily. Our range is very diverse, starting from the most basic cotton and glass packing and extending to the latest range of carbons and graphite packing. In the mechanical seal range we go from the most simple single spring rubber bellows seal all the way to specialised double cartridge seals in exotic materials. Our transmission components range from general industry elastomeric couplings to metal membrane couplings for the petrochemical industry.



O-rings & static seals

- 🔧 O-Ring
- 🔧 O-ring cords
- 🔧 M-Quick
- 🔧 Back-up rings
- 🔧 X-Rings



Engineered machined seals

Our Engineered machined seals are custom-designed and manufactured high-performance seals that meet the specific needs of the most demanding environments.

Engineered sealing solutions

- 🔧 Engineered wiper seals
- 🔧 Engineered PTFE seals
- 🔧 Engineered symmetricals seals
- 🔧 Engineered rotary seals
- 🔧 Engineered rod seals
- 🔧 Engineered high pressure seals
- 🔧 Engineered static seals
- 🔧 Engineered pneumatic seals
- 🔧 Engineered piston seals
- 🔧 Engineered mining seals
- 🔧 Engineered guide ring seals
- 🔧 Engineered installation tools
- 🔧 Engineered spring energised seals
- 🔧 Engineered custom parts



Sanitary seals

Sanitary gasket profiles and pipe standards

Sanitary seals (also called hygienic seals) are used specifically in stainless pipe systems in the food, pharma and chemical industries. Tegeneza offers a wide range of gaskets and clamp-types

- 🔧 SMS1149 Sanitary gaskets
- 🔧 ISO2853 Sanitary gaskets
- 🔧 DIN11851 Sanitary gaskets
- 🔧 DIN11864 O-ring sanitary gaskets
- 🔧 DS sanitary gaskets
- 🔧 Tri-Clamp



Rotary seals

Rotary seals are made from synthetic elastomers bonded to cases, which is usually metal or mild steel.

- 🔧 V-Rings
- 🔧 Shaft seals
- 🔧 PTFE seals
- 🔧 Mechanical seals
- 🔧 Gland packings

Applications

Machine tools
Rolling mills
Pumps and motors
Robotic arms
Drilling appliances
Mixers
Rotary swivel and unions

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Hydraulic seals

-  U-Ring seals
-  Rod seals
-  Piston seals
-  Wiper seal
-  Wear rings







Custom parts

We manufacture and supply machined and moulded parts to your design in rubber and PTFE. We offer narrow tolerances, special material compounds and compliance to your specifications.



Gaskets & Washers

-  Bonded seals
-  Spiral Wound Gasket
-  Flange gaskets
-  Washers



Installation tools

Our tools typically consist of various types of blades, keys, wedges, or other shapes that can be inserted into a seal in order to provide extra leverage and ensure proper installation.

-  Pusher tool
-  Ramp tool
-  Resizer tool



Extruded profiles

Tegeneza supplies standard O-ring cords as well as a range of extruded profiles including solid profile, hollow profile and inflatable.



Circlips

We stock a wide range of retainers in a variety of designs and materials including standard phosphate spring steel clips, stainless steel, phosphor bronze with special designs/coatings also available.



Grease, lube & coating

Tegeneza offers several different solutions for grease, lube and coating. For us easy installation, cleanliness, low friction, identification, customisation, improved service life and sliding properties are just as important as the sealing itself.

Get in touch with us

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