



Precision Engineered Rubber Solutions

Customized & Reliable

35+
Years of
Expertise



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About Us

DST Rubber (DS Techno Rubber Pvt. Ltd.) manufactures custom rubber components for valves, pumps, dosing, industrial flow control, and automotive applications.

Our mission is to deliver reliable parts that perform under pressure, temperature, and aggressive media.

We support both new development and legacy replacements with reverse engineering and design assistance, in-house compounding, and lot-wise testing and validation for full traceability.

With export-ready documentation and compliance to stringent International norms, we serve OEMs across Asia, Europe and USA.

Why Choose DST?



Precision Tolerance

As low as ± 0.02 mm on select critical geometries.



Engineering support

Assembly Design Inputs, reverse engineering, customized formulation.



Specialty focus:

Technical products including diaphragms, rubber-to-metal bonded parts, bellows, & precision gaskets.



Rigorous testing:

Multi-stage QC with calibrated checks & fully traceable batch release.



Supply agility

JIT programs, competitive pricing, on-time delivery.



Precision tooling:

Long-life precision moulds with tight cavities & clean flash control.

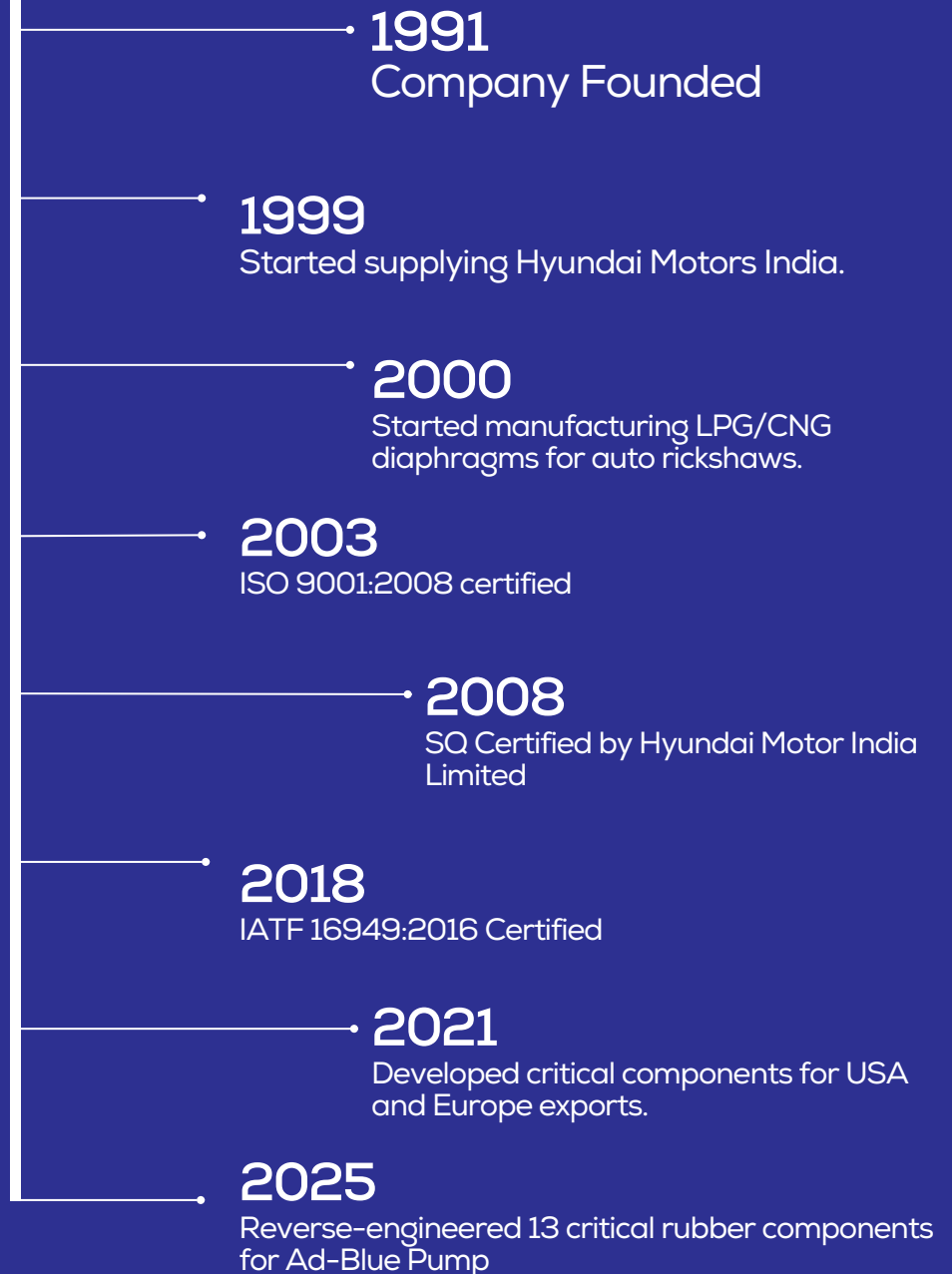


Export compliance:

EN 549, NSF compliance, worldwide delivery support.



Milestones



Applications & Industries



Valves & Actuators



Automotive



HVAC



Pumps & Dosing



Food & Beverages



Water Treatment



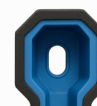
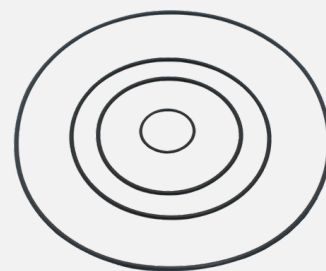
Robotics &
Automation



Instrumentation

DST
RUBBER
SINCE 1991

A collection of various black and orange plastic components, likely automotive or industrial parts, arranged on a white background with a faint grid pattern. The components include large circular covers, smaller circular discs, and various shaped flanges and rings. Some parts have mounting holes or specific features like a central hole or a raised rim. Two parts are highlighted with green dashed outlines, and one is highlighted with an orange dashed outline.





ELASTOMERS

We have expertise working with a wide range of elastomers including:

- | | |
|--------|--------|
| ✓ EPDM | ✓ AEM |
| ✓ NBR | ✓ CSM |
| ✓ CR | ✓ FVMQ |
| ✓ NR | ✓ FKM |
| ✓ ECO | ✓ VMQ |
| ✓ ACM | |

● In house mixing facility

● 150+ proprietary formulas

● Technical expertise to customize the raw material recipe to achieve the required customer properties

Quality Testing

DST Rubber ensures quality through lifecycle testing, pressure validation, chemical resistance checks, and compression set monitoring for reliable performance.



Tracability records maintained for 7 years



Strict Adherence to IATF 16949 Quality Management System



In-house Testing Facility



Diaphragms are 100% leak tested



Rheometric testing & validation of each batch



Final Inspection under 67x zoom for dimensional accuracy

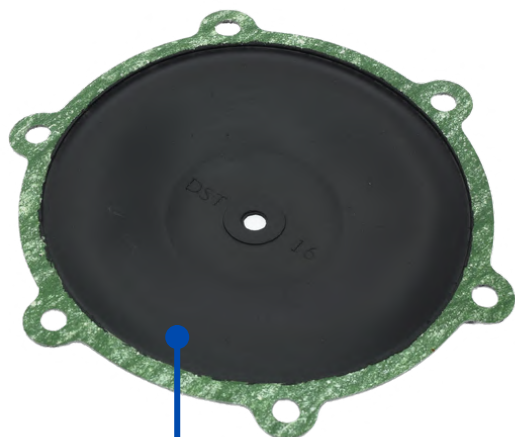


100% Visual Inspection under 10x magnifying glass

Competitive Differentiator

- ▶ **Precision manufacturing:** Tolerances as low as ± 0.02 mm on critical dimensions
- ▶ **Miniature capability:** Precise components as small as 2 mm OD
- ▶ **Compliant materials:** REACH, RoHS, FDA, EN 549, NSF (on request)
- ▶ **Fast RFQ:** Quotation within 72 working hours
- ▶ **Critical-part expertise:** Intricate geometries and precise manufacturing
- ▶ **Durable compounds:** Premium formulations for long service life
- ▶ **Customized Solutions:** Reverse engineering capability & engineering assistance
- ▶ **On-time delivery** and competitive pricing

Our Expertise



Fabric-rubber diaphragm
0.2 mm thick, accurately detects
pressures as low as 0.15 kg/cm^2 .

Precise part
starting 2mm OD

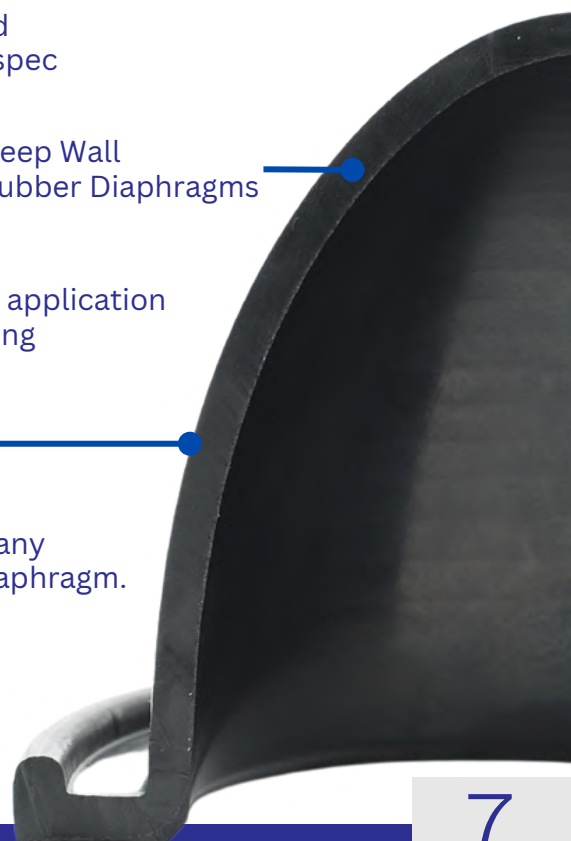


Fabric-reinforced, metal-bonded
diaphragm outlasted customer spec
by 10x cycles.

Deep Wall
Rubber Diaphragms

Used in high pressure application
capable of withstanding
 300 kg/cm^2 (4267 psi)

Fabric positioned on any
desired side of the diaphragm.



Testing Facility



RHEOMETER



UNIVERSAL
TESTING MACHINE



ACCELERATED
AGEING OVEN



VIDEO MEASURING
SYSTEM



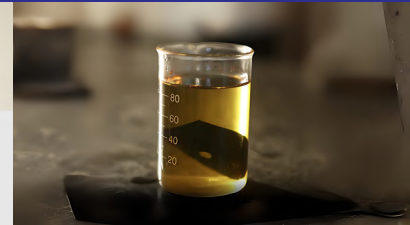
FUNCTIONAL LIFE
TESTER



LEAK TESTING
FIXTURE



SPECIFIC GRAVITY
TESTER



OIL SWELL TEST

Equipped with an in-house testing facility, we perform a comprehensive range of material tests, including Digital Tensile Testing, Creep Resistance, Tear Resistance, Compression Set, Volume Swell Test, Young's Modulus, Melting Point, Low Temperature Conditioning, Hot Air Aging Test, etc.

Manufacturing Facility



AUTOMATED CHEMICAL
WEIGHING MACHINE



DISPERSION
KNEADER



HYDRAULIC PRESS



CALENDERING



TWO ROLL
MIXING MILL



PREFORMER



PUNCHING MACHINE



**India's Trusted
Leader in
Precision Rubber**

PARTNER WITH US

To Build Your
Precision Rubber Component

GET A QUOTE IN 72 HOURS

Contact Us



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