



RUBBERATKINS



experience elastomer excellence

YouTube VISITRUBBERATKINS



'It has always been our vision to create a rubber company recognised throughout all levels of the Oil Industry for Innovative Products, Quality and Professionalism. We do not just make products, but provide our customers with design and manufacturing solutions through the application of our extensive expertise in rubber materials and engineering technology.'

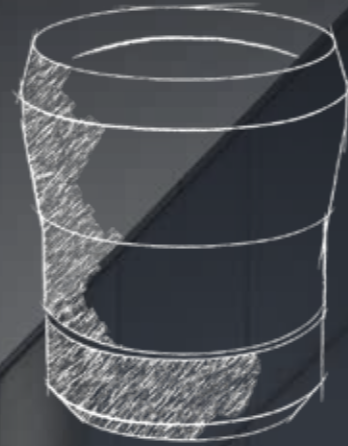
Nick Atkins,
Managing Director
August 2016

TO LEARN MORE VISIT WWW.RUBBERATKINS.COM

the rubberatkins experience

QUALIFICATION & TESTING

- 30,000psi and 650°F (343°C) testing capability
- Water, oil & gas test mediums
- API 11D1 / ISO14310 V3+V0 test capability
- SCADA recording system
- Fully adaptable to customer requirements
- Superheated steam testing



DESIGN CONCEPT

- In-house market and product experience
- Latest FEA modelling software
- Design to answer requirements
- Designed to meet specific applications

ELASTOMER TECHNOLOGY

- In-house bespoke material development
- Materials developed to suit extreme conditions
- ISO 23936-2 / NORSOK / NACE approved materials
- Low toxicity, flame retardant materials
- Mechanical testing of materials at elevated temperatures
- Bond integrity testing
- Material characterisation by thermal techniques
- Fluid compatibility / longevity testing using arrhenius modelling
- Product failure analysis
- Fully equipped lab for material analysis



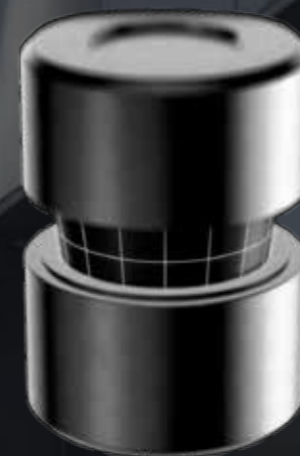
MANUFACTURING

- SCADA controlled presses for 100% repeatability
- Rubber only, rubber to metal bonding, rubber to plastic bonding
- Large capacity
- Fast, responsive delivery
- Low & high volume



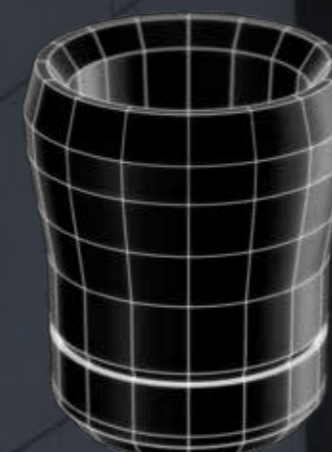
PROTOTYPING

- In-house capabilities under one roof
- Rapid turnaround from initial concept
- In-house modifications
- Time and cost effective solution prior to scaling up



RESEARCH & DEVELOPMENT

- 3D Solidworks CAD software
- Expert knowledge in product design
- Custom solutions to design problems
- FEA and CAD design



FOR MORE INFORMATION CONTACT OUR
TECHNICAL TEAM AT
SALES@RUBBERATKINS.COM

SEALING SOLUTIONS: PRODUCTS

Rubberatkins offers a wide range of standard & bespoke oilfield sealing products to suit your applications.

CUSTOM MOULDED PRODUCTS

Most components we manufacture start out as an R&D project either internally or by request of a customer, to meet a specific need or requirement. We use our years of oilfield experience, material expertise and design knowledge to meet the required specification. However we still custom mould to pre-set requirements and existing drawings.

RUBBERATKINS OWN PRODUCT LINES INCLUDE

CUPS & MANDRELS

- LP & HP applications—debris barrier tested to 18,000psi
- LT, HT & UHT applications from -50°F (-45°C) to thermal downhole temperature 650°F (343°C)
- Multiple casing & weight ranges 2 2/3" - 24.00"
- Flexible design for easy stabbing through restrictions
- Optimised to accommodate mandrel bypass requirements
- Wear resistance-> 10,000ft travel
- Every size & weight tested and qualified
- 3 sizes of mandrels to fit all cups
- Designed to fit your tools

PACKING ELEMENTS RA HERCULES™ & RA TAURUS™

- Cased hole & open hole applications
- LP & HP applications: 5,000psi - 15,000 psi range
- LT & HT applications 150°F (65°C) - 450°F (232°C) range
- Multiple casing & weight ranges 3.50" - 18.5/8"
- Single set permanent to multi (100+) set - permanent or retrievable
- Every size and weight tested and qualified
- Designed to fit your tools

WIPERS & DARTS

- LP applications
- LT & HT applications -40°F (-40°C) - 400°F (204°C) material dependant
- Multiple sizes 2.3/8" - 6.5/8"
- Designed for maximum resistance bypass
- Built with abrasion resistance materials
- All darts pressure tested
- All darts tested for minimum pass through diameter
- Designed for your needs

SULFANITE® LINE OF ELASTOMERS

- Elastomeric sealing solution for up to 40% H2S
- Improved retrievability
- Low and high temperature sealing

THERMANITE® LINE OF STEAM RESISTANT ELASTOMERS

- Specifically designed for superheated steam and hydro carbon environments
- Proven track record sealing at temperatures up to 600°F (315°C) in steam injection, cyclic steam injection and geothermal wells

VERMANITE® LINE OF FFKM ELASTOMERS

- A superior alternative to standard FFKMs
- Cost effective solution
- Superior compression set at high temperatures
- Capable of working in a wide range of temperatures from -40°F (-40°C) to 650°F (343°C)
- Proven resistance to fuel, additive oils, steam and corrosive chemicals
- Long term seal at elevated temperatures

SEALING SOLUTIONS: MATERIALS

Rubberatkins consistently push the application boundaries and challenge the status-quo as we develop unique and novel materials to provide sealing solutions in environments that were previously no go areas.

To date Rubberatkins has developed over 1,600 formulations to satisfy different physical and environmental applications.

In addition to the standard NBR, HNBR, FKM materials our experience and material knowledge has resulted in the development of a range of Rubberatkins branded high performance elastomers.



FOR MORE INFORMATION CONTACT OUR TECHNICAL TEAM AT
SALES@RUBBERATKINS.COM

FOR MORE INFORMATION CONTACT OUR TECHNICAL TEAM AT
SALES@RUBBERATKINS.COM

RUBBERATKINE
rubber making excellence

SALES@RUBBERATKINS.COM

WWW.RUBBERATKINS.COM

Rubberatkins Ltd
Aberdeen Energy Park
Bridge of Don
Aberdeen, Scotland
AB23 8GW

Tel: +44 (0) 1224 246 777

Rubberatkins Inc
24900 Pitkin Road
Suite 230 Spring
TX 77386 USA

Tel: +1 281 719 5116

Rubberatkins Sales Agent
Gao Feng
Rm 1413 Block 2
Nan Guang City Garden
NanShan Blvd, NanShan District
Shenzhen City
Guang Dong Province
China 518054

Tel: +86 135 1076 6825



Q05955

©2016 Rubberatkins Limited. ALL RIGHTS RESERVED.
This document is protected by copyright and its contents are strictly confidential. The copyright belongs to Rubberatkins Limited and thus the information in the document may not be used for any purpose without the prior written consent of Rubberatkins Limited.