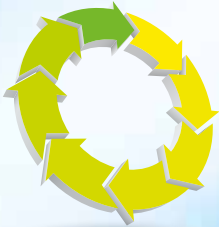




Global **Polymer** Specialists



 **SEALING**
Your Environment



www.nes-ips.com

Elastomeric Sealing Solutions

for global markets



NES provide advanced sealing solutions for some of the world's most demanding and safety critical applications.

We pride ourselves as specialists in elastomeric solutions for a wide range of markets including:



- **Aerospace & Defence**
- **Chemical Processing**
- **Energy & Power**
- **Food & Beverage**
- **General Industrial**
- **Pharmaceutical**
- **Semiconductor**
- **Transportation**

NES is at once innovator, developer and manufacturer - providing a comprehensive turnkey service for customers for whom quality and reliability are key.

Experienced, responsive and agile, NES is committed to delivering service and product second to none making us the ideal partner for companies who operate in dynamic and fast moving environments.

Ideally resourced for seamless, efficient production

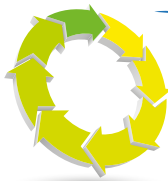


Purpose built facilities, carefully planned to ensure seamless, efficient production, mean that NES can meet requirements which range from single bespoke products to full rate production.

Performance and integrity of NES products are paramount therefore every stage of the production process is guarded by stringent quality control procedures which, together with ongoing investment, means that our advanced solutions continue to lead the way.

Facilities include:

- Custom built NES Ncap[®] production pods, able to cater for low rate and full rate production
- Astra Seal[®] department with wire coiler, designed and developed by our own technical team
- VulcOring department with 2 fully functioning cells
- Moulding department with six standard moulding presses and one linear moulding press allowing the manufacture of infinite inside diameters
- Extrusion department with six silicone and rubber extruders – capable of producing standard cord to complex inflatable and custom profiles
- NES TECHNIFLATE[®] Inflatable Seal and Custom Profile department manufacturing standard and non-standard, bespoke profiles including NES' patented 'membrane technology' NES TECHNIFLATE[®] Inflatable Seals
- Custom built clean room to adhere to specific customer cleanliness requirements



NES Quality
For Our Customers
Every step of the way
An AS9100 accredited Company

Wide ranging capabilities



Innovative and proactive with a robust research and development programme underpinning all activities, NES is constantly seeking to explore new techniques and to develop new compounds.

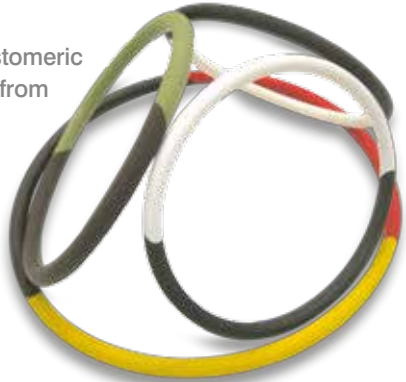
Together with strong partnerships with trusted outsourced vendors, a Materials Manager dedicated to compound development and an experienced Technical Engineering department, NES is able to both develop and troubleshoot which, in turn, ensures that NES offers comprehensive and integrated solutions.





Our capabilities are wide ranging and include:

- In-house FEP/PFA extrusion along with in-house elastomeric core extrusion to facilitate NES Ncaps[®] manufacture from start to finish
- BS, AS and JS standard size available as well as bespoke sizes
- Manufacture of VulcOrings, Custom Profiles and NES TECHNIFLATE[®] Inflatable Seals with a parent material and a 45 degree join to ensure no loss of material characteristics across the join area and the strongest bond available
- The sole use of a wide range of Western sourced, exotic materials and Chemours licensee status assures the highest quality materials in NES products
- Rubber to substrates bonding including; PTFE, PEEK, Titanium, Stainless steel, Aluminium
- In-house tooling and grinding capabilities for smooth finishes and extra tight tolerances



NES products are rigorously tested before delivery; all NES TECHNIFLATE[®] Inflatable Seals are tested to 1 bar, unsupported, to assure quality and mitigate failure.

Even when a very quick turnaround is required, as it often is, quality is never compromised.

Our Vision - Our Mission



NES offers a wide range of specialist capabilities that facilitate the provision of high quality, value added solutions to diverse customers and end markets.

With comprehensive in-house technical capabilities and expertise, our dedicated people deliver a customer focus that is responsive to dynamic circumstances and high value engineering challenges.

A Customer First mentality is ingrained within the business, whilst ISO and AS9100 accreditations signify quality without compromise.

With a mission to meet, and exceed, the most technically advanced demands of customer expectations and industry standards, NES aims to become a long-term partner and a trusted member of your team.



SEALING
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Our Value Proposition

NES is an agile business that has a diverse range of **capabilities** that facilitate the provision of high quality **value** added solutions to a wide range of customers and end markets. With strong technical capabilities and expertise provided in-house through our dedicated **people** we provide **customer focus** that is responsive to ever changing circumstances.

People

- Experienced
- Approachable
- Technical expertise
- Socially responsible
- Continuous improvement culture

Customer Focus

- Responsive to needs
- Strong customer loyalty
- Emergency service
- New product development

Capabilities

- Innovative solutions
- Scalable production
- Purpose built
- In house extrusion
- Comprehensive product range

Value

- Repeatable quality
- Value added product
- Build to print
- Technical competence and advice

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