

# Rulon 123 Stamped Polymer Parts Locally Produced at Bangalore Site for Industrial Customer

From [Saint-Gobain Seals](#)

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Saint-Gobain Seals announces that as of April 2018, they have established the production of **Rulon® 123** stamped fluoropolymer parts at their Bangalore, India, facility in order to supply local parts to a global industrial customer for use in gasoline metering pumps. The business decided on moving ahead with local manufacturing due to the customer's increase in volume and need to maintain

**efficient JIT (just in time) purchasing process. The machines needed for stamping and packing the parts were built in India and personnel underwent extensive training to operate the production line. To ensure that manufacturing objectives were achieved, the customer conducted an audit of the line and approved it for local supplies prior to official production of the stamped parts.**

*“ This localization activity is an excellent example of our market-oriented approach. We witnessed a significant increase in our customer requirement and implemented JIT purchasing; therefore, we acted quickly to support them for these current needs as well as future ones. The Rulon® stamped part is critical and the heart of the customer’s final assembly. Any field failure as a result of the part has serious repercussions on us and our customer. Since our imported parts were running without issues for more than a decade, the challenge in localization was to ensure the parts matched the quality and performance of the imported parts. For the part to perform optimally, every step in production including packing is critical.*

*Prasad K.R, Industrial Market Manager, Saint-Gobain Seals*

Although the Bangalore facility was initially set up to meet the needs of a sole customer now, Saint-Gobain Seals will work with other global customers to meet their needs for Rulon® stamped parts and other Rulon® solutions. Since the business is the only source of genuine Rulon® polymer material, they are well equipped to support applications in various markets due to the product’s versatility and benefits of low wear and friction, FDA compliance, and chemical resistance:

- Aerospace and defense - Rulon® AR and Rulon® W2 PTFE bonded bearings for jet engine thrust reverser and missile launch systems
- Transportation and automotive - Rulon® J sliding elements for bogie of 7000 Series trains in Washington DC and cup seals for valve emission controls
- Consumer - Rulon® J glide rings for bicycle rear shock absorbers
- Industrial - Rulon® 123 piston cup seals for gasoline metering pumps
- Life Sciences - Rulon® 641 components for harmonic scalpel surgical tooling
- Oil and gas - Rulon® slide bearings for pipeline valves
- Habitat - Rulon® sliding tape elements for seismic base isolation systems

Local manufacturing operations have not only benefited the Bangalore site but also the Bristol site in Rhode Island, where Meldin® thermoplastic materials are being produced for the US automotive market in the form of core transmission systems such as seal rings, thrust washers, pushrods and bearings; steering systems such as ball joints and guide bearings; and brake system structural parts.

## Saint-Gobain Seals



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Saint-Gobain Seals is a business unit under Saint-Gobain Performance Plastics' Engineered Components division, offering a diverse range of critical sealing and polymer parts that make THE difference in core systems for aerospace, oil and gas, automotive, life sciences and industrial.

We have more than 50 years of manufacturing experience and an established global presence with strategic sites in Garden Grove, California, USA; Kontich, Belgium; and Minhang, Shanghai, China. The majority of seals and polymer components manufactured are custom designed and matched with the best materials to provide precise fit and lifetime confidence in your application.

Saint-Gobain Seals strives to meet your needs -- from our fast and efficient customer service staff to our design engineers and R&D team who solve critical problems -- we want to be your industry expert when it comes to seals and polymer components.

**Critical parts  
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