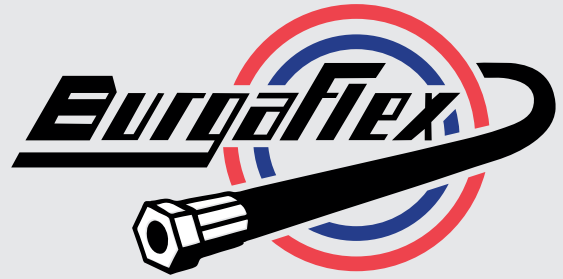




ESSENTRA



## ENHANCE QUALITY AND EFFICIENCY

Burgaflex is a global player in hydraulic and air-conditioning fittings and tubing. When they needed to protect their products during shipment for a multimillion dollar launch, Essentra responded with a custom solution that kept their high-quality goods safe, eliminating unplanned costs.

### THE CHALLENGE

Burgaflex's values of quality, precision and excellent customer service mean they work to extremely high standards. The air conditioning hose assemblies they manufacture for major OEMs are no exception. The previous rubber caps used to protect whilst shipping regularly dislodged, causing product damage, contamination and customer dissatisfaction.

### THE SOLUTION

Essentra took the fittings of the mating applications from Burgaflex and went to work. Prototyping was crucial to ensuring the success of their heavily invested launch. An initial 3D prototype was created, bringing the solutions to life followed by extensive testing, submission of drawings and additional cap samples.

The final result was the delivery of 9 different, custom clear caps that sealed the O-ring groove, thread and hose from debris and moisture. Essentra recommended LDPE, a harder, denser material for stronger protection and effective shock absorption. A retention feature also provided extra security during shipping. The caps' clear colour allowed Burgaflex to see the O-ring, ensuring it was fitted correctly to allow safe delivery to their customers.

**CUSTOMER**  
Burgaflex

**INDUSTRY**  
Automotive, Heavy Truck, AG and Off-Road

**PROJECT**  
Custom caps

**SOLUTION**  
Burgaflex maintain quality and efficiency with Essentra's custom cap solutions



**"From concept to production, Essentra was able to smoothly manage all project requirements to come up with the perfect solution."**

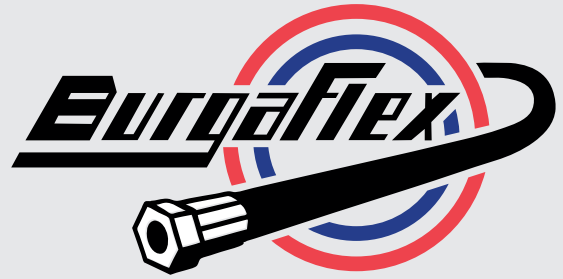
**– Bob Siegwald, Burgaflex Executive Vice President**

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ESSENTIAL SOLUTIONS DELIVERED



# ESSENTRA



## RESULT

Essentra and Burgaflex's close partnership made the entire process smooth. This resulted in the ideal solution being delivered on time, providing:

**Cost savings:** Damage prevention in transit eliminated rejections, cutting product re-supply costs.

**Productivity:** Custom caps reduced waste and are delivered on-time in-full to work seamlessly with Burgaflex's lean business model.

**Tool efficiency:** Cost-effective tool cavitation ensured minimised wear and increased production output.

**Reassurance:** Burgaflex upheld its reputation for delivering quality and service.



## ONGOING SUPPORT

As a strategic partner, Essentra continues to support Burgaflex. Through knowledge and understanding of Burgaflex's needs, Essentra can estimate their annual usage, ensuring stock is on hand when they need it.

To find out how the experts at Essentra can help your business, call **0845 758 5070** or email **[sales@essentracomponents.co.uk](mailto:sales@essentracomponents.co.uk)**

**"Essentra was so easy to deal with, providing samples and 3D prototypes throughout the project."**

**– Bob Siegwald, Burgaflex Executive Vice President**

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ESSENTIAL SOLUTIONS

DELIVERED