



VICONE

CUSTOM RUBBER  
PARTS FOR  
MASS TRANSIT



# CUSTOM RUBBER PARTS

## **FOR MASS TRANSIT APPLICATION**

Safety and performance of components are of paramount importance within this industry. Daily use by millions of commuters over high mileage calls for durable and reliable rubber parts that can withstand the most challenging conditions.

Our custom-made seals, gaskets and profiles meet the most stringent safety regulations and standards. Our exclusive EPDM and silicone rubber formulations for mass transit have been developed and tested in compliance to flame, smoke and toxicity (FST) standards.

## CAPABILITIES

- Solid profiles
- Sponge profiles
- Rubber to metals
- Surface finish options
- Colors
- Kitting and other secondary processes

## **INDUSTRY SPECIFICATIONS**

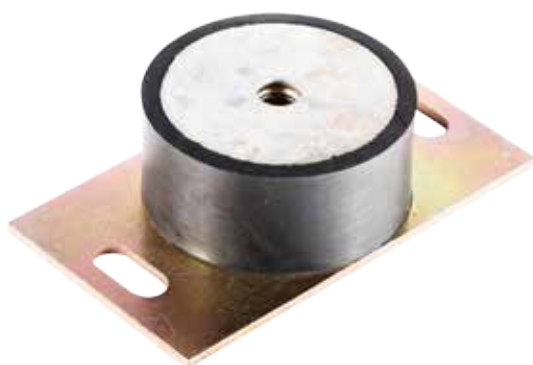
- Surface flammability (ASTM E162)
- Flame propagation (ASTM C1166)
- Federal standard for flammability (FAR 25.853)
- Density of smoke generation (ASTM E662)
- Standard for release rates for both heat and visible smoke (ASTM E1354)
- Toxic gas generation (Bombardier SMP 800-C)
- Toxic gas generation by materials on combustion US/EU (ASTM E662/BSS 7239)
- EU compliance toxicity factor (RoHS)
- EU fire testing for railway components (EN 45545-2)
- Fire protection & life safety for guideways in Transit & Passenger Rail Systems (NFPA 130)



Window glazing channel  
EPDM 70 Duro



Window sash seal  
Silicone 60 Duro



Vibration mount  
Neoprene 60 Duro



Panel joint seal  
Silicone 60 Duro



Coupling bellow  
Neoprene 60 Duro



Door seal  
Neoprene 30 Duro



Operable window seal  
Silicone 60 Duro



Door seal  
EPDM 60 Duro

# SERVICES

## **FROM CONCEPT TO PRODUCTION**

There are vendors and then there are partners. We strive to offer you more than a transactional relationship. Whether you're a designer, engineer, procurement professional or business executive, you can count on us as an extension of your team.

### **Conception and Design**

Don't underestimate the power of great design. Our team of experts can help you avoid common design mistakes and can recommend the most suitable materials for optimal performance. The best designs lower costs, drive innovation, minimize waste, reduce the impact on the environment and improve usability.

### **Production**

Reduce your production lead times with our in-house extrusion manufacturing capabilities. Alternatively, our global partner network can also help you increase your supply chain agility and flexibility. We supply rubber materials such as silicone, EPDM, neoprene, and other specialty compounds, for all your different applications.

### **Optimization**

Let us complement the strengths of your designers and engineers. By combining our knowledge of rubber properties and design expertise, we often manage to significantly reduce waste and cycle time without sacrificing quality. This approach paves the way to continuous improvement, which ultimately provides you with a competitive edge.

DARE TO  
BECOME  
BETTER

**Vicone**  
**High Performance Rubber**

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