



BOO! Boo who?

We rarely get booed and we promise never to scare!

May the bright and high spirits of Halloween be full of celebrations and screams for you.

Wishing you Happy Halloween and lots of treats...

“RK RUBBER = Treats”

Dell Gufknecht, General Manager

Got something scary happening with your conveyor belt? No worries... our FIELD SERVICE crew is rockin' it 24/7... making sure you won't lose any sleep over it.

1-800-747-9197 Prompt 1

[Field Service Video](#)



CASE STUDY
Robot Shrouds for Foundry Industry

At RK Rubber, we work collaboratively with our customers to develop creative, cost-effective solutions to protect their equipment while operating in extreme environments. This is especially true for the foundry industry, where we design, fabricate, and manufacture shroud covers for our customer's robotic systems operating in blast conditions. The robots are continuously subjected to extreme heat, sand, and water sprays ranging from 150,000 to 300,000 in force. The original protective covers consistently failed, causing expensive equipment damage and ongoing maintenance that resulted in significant downtime. While several other rubber vendors were contacted, none of them were able to offer an effective solution.

Working directly with staff at their Wisconsin foundry, our initial prototype consisted of a blue tarp and duct tape that helped us test and determine the shroud's required shape. The idea was to protect the robots while they were suspended from the ceiling. Utilizing granules, the prototype shroud draped underneath the robot and space existed between the robot and shroud allowed the use to continue operations unhindered while shielded from the elements. The initial tests were a resounding success and ultimately helped us determine the shroud's final shape and position. For the shroud material, we selected pure green rubber with a smooth finish, well known for its abrasion resistance. Using our integrated splicing process, we fabricated shroud covers within 3 weeks. We prevented, and in most cases eliminated, premature failure that had occurred while each robot performed its duty along the production line. Our customer was impressed by our creative thinking and quickly expanded the use of our shrouds to each of their foundry locations. They now order up to 40 shrouds per year and we continue to help them develop ways to protect other equipment, maintain production efficiency, and improve their bottom line.

From initial concept design and testing to final manufacturing, our team was able to develop a prototype cover within 3 weeks. We prevented, and in most cases eliminated, premature failure that had occurred while each robot performed its duty along the production line. Our customer was impressed by our creative thinking and quickly expanded the use of our shrouds to each of their foundry locations. They now order up to 40 shrouds per year and we continue to help them develop ways to protect other equipment, maintain production efficiency, and improve their bottom line.

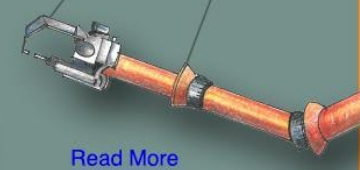
RK RUBBER & SILICONE FABRICATING
 EST. 1898

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SOLUTIONS

Protecting hundreds of thousands of dollars in robot assets...

...that could be a scary proposition if you choose the wrong fabricator.



[Read More](#)

Trick?

RK RUBBER & SILICONE FABRICATING
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Always A Treat!



HAPPY HALLOWEEN

Fabricated Treats

RK **EXPERIENCE = SOLUTIONS**



RK Rubber offers immediate phone quotes. Contact us today!

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