



# Flexible Ducting for Mining

Underground mining can be a dangerous business, which is why ducting is a crucial part of the mining industry. Providing the strongest ventilation systems keeps miners safe and the industry running smoothly.

Due to the hazardous nature of mining, the work environment comes with many contaminants that can be harmful to miners. These include dust, dirt, gases and fumes that are toxic if inhaled in large quantities. To avoid ingesting these harmful contaminants, proper ventilation methods are crucial. Keeping clean air circulating is not only safer, but ultimately saves lives.

Flexible ducting has become an essential part of underground mining. Spiral-style ducting is especially important for ventilation. Because of its ability to bend and stretch, this style of ducting works well in mining shafts that are not perfectly straight. This allows for effective ventilation in even the toughest of circumstances. No matter where the air circulation is needed, flexible ducting gets the job done.

In addition to the style of ducting, the material it is made out of is even more important. Mining deals with a multitude of different environments, materials and temperatures. Flexible ducting, though adjustable, still needs to be sturdy and durable. That's why RiteChoice Ducting™ uses premium PVC-laminated fabric that is meticulously welded to improve airflow efficiency and reduce leakage. This creates the strongest, reinforced flexible duct for the job.

Finally, ducting used in mining needs to stand up to extremely high temperatures, gases and be fire-resistant. This is why RiteChoice developed our Hi-Temp ducting. We use a single-sided silicone-coated fiberglass fabric that can withstand temperatures of 550° F.

**We know the importance of mining safety and ventilation, which is why we are proud to offer the highest-quality flexible ducting options. To find out more about our mining-capable products, sizes and materials, call a sales representative today at (800) 612-7200 or visit us online at [www.RiteChoiceDucting.com](http://www.RiteChoiceDucting.com)**