

Colomix 71

Elec Colomix 71 for the replacement of old asbestos arc chutes.

No one needs to explain how harmful asbestos is. For years people working in all types of industries were exposed to it. Electrotechnology was no exception: asbestos cement was widely used for its excellent thermal and mechanical characteristics. With Colomix 71, we developed a material that presents no hazard to human health, is easy to work with, has excellent mechanical strength and can be machined to any shape. Colomix 71 has the thermal and insulating properties to withstand extremely high temperature densities and dissipate electric arcs. In fact, replacing asbestos blow-out cages with Colomix 71 leads to better performance. Colomix 71 is a mineral insulator for electrical and thermal applications consisting of 59% hydrated aluminum silicate, 38% wollastonite (calcium silicate) and 3% glass fiber. It has excellent mechanical strength at high temperatures (600°C). "S" grade is recommended for electrical applications. Finished parts of that grade are impregnated with high temperature resin.

Features/Benefits:

Colomix 71 is a patented product that is designed to aid in the replacement of cement-asbestos blow-out cages equipping contactors created by an older generation of manufacturers. With Colomix 71, you can create an identical match of your existing blow-cages, while maintaining the equipment's genuine technical characteristics. This innovative material allows you to replace existing blow-cages, without launching a long and expensive R&D study. With Colomix 71 there is no need to change the whole breaking system (circuit breaker, switch, etc.) — only the old blow-out cages with their asbestos shell need to be replaced. The Colomix 71 offers an easy solution to maintenance and asbestos compliance.

Highlights:

This new generation of blow-out cages is 100% compatible with existing contactors. It does not downgrade the contactors in any way, ensuring their perennity. In addition, breaking capacities are notably improved due to a reduction in breaking times.

Colomix 71 is available in three forms:

- 1000x1000 mm sheets in its standard version (930x830 mm available only on request)
- Parts to be machined per customers' drawings, sample or specification
- Molded parts



Applications:

- Replacement of all old asbestos arc chambers and arc chutes