

# TECHNICAL DATA SHEET

## CORONIZATION

Coronizing is a thermal process for removing organic starches and sizings from yarns after the weaving process is completed, but prior to the finishing stage. This process is limited woven fiberglass fabrics.

It is very important, in fact imperative, that these starches and sizings be removed prior to finishing of the cloth. If these impurities are not removed prior to finishing, then the finish is applied over the impurities. Once the baghouse is brought up to temperatures beyond 220° F, these impurities will vaporize. The integrity of the finish is compromised and premature fabric failures will occur in short order.

Without a finish, or protective coating, the fiberglass filament yarns can break when flexed during normal operation. Breakage results from flaws forming on the surface of the glass filament yarns. These flaws can be created by abrasion or chemical attack due to an absence or diminished protective finish.

Finish selection should be made based on flue gas chemistry and particulate makeup. However, the base fiberglass fabric must be coronized prior to finishing in order to ensure proper finish application and endurance.



*Views from inside coronization equipment as woven fiberglass passes through*

**Contact your Midwesco representative to learn more details of this product and others.**

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