A durable, zero porosity, chemical barrier is the most critical component for preventing corrosive attack in a non-metallic flue duct expansion joint. If the chemical barrier fails, the expansion joint fails.

Old film technology relies upon the capabilities of a fragile, 0.004" (0.10 mm), PTFE film. The weak, single ply, PTFE film is prone to stress cracking in severe temperatures or mechanical flexing. In addition, it can be easily damaged during field installation.

CrossFilm™, with its laminated cross-plies of propriety films, provides the barrier performance needed for reliable, long-term, expansion joint service. Why take the risk? The best technology today for chemical barrier performance is CrossFilm™ Expansion Joint product.