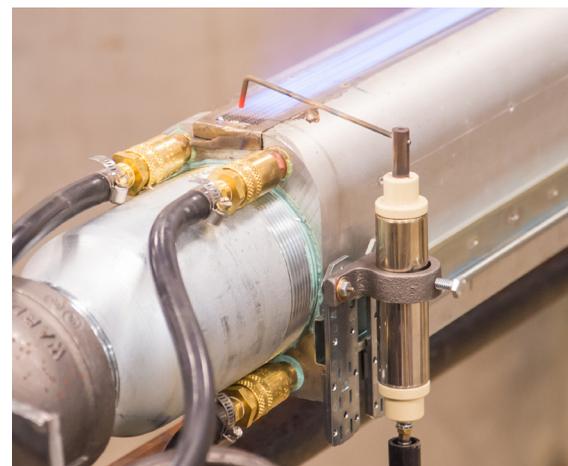


# Flame Treating vs. Corona for Surface Modification

*Before Corona surface modification, Flame Treating was the preferred method. In the 1970's Corona made its entrance into the conversion industry, and was cheap and effective for the process speeds at the time. However, issues such as low dyne levels, pinholing, backside treating, ozone, ozone removal, static discharge, employee injuries and the need for higher production made Corona less desirable. In 2000, 3M had converted all their Corona lines in their process back to Flame Treating for many reasons and have set the stage for the new recommended standard.*



*The ERB QuadCool™ Ribbon Burner is a superior choice for Flame Treating surface modification. The innovative SheetFlame design contains no flame ports providing striation-free surface treatments.*

## Flame Treating Benefits

- Flame treating provides Higher Dyne Levels (20%-70% higher)
- Higher Dyne levels produce faster speeds
- No pinholing
- No backside treatment
- Little to no Dyne Level Degredation (2 weeks or longer, indefinitely in controlled environment of 72 degrees)
- No ozone produced, so no removal from exhaust is necessary
- No static discharge, which is much safer for employees due to less harmful exposure
- Works on any substrate
- Cost effective
- Low operating costs
- Minimal maintenance

*Contact Selas Heat Technology today to find the best Flame Treatment option for your combustion needs.*



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