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## *Evaluating woven laminated polyethylene film*

**Background:** A product with a similar appearance to the Cortec product, EcoWeave was submitted to Cortec. The product is suspected of being manufactured by Zerust.

**Purpose:** Evaluate the corrosion inhibition of submitted woven polyethylene film

**Method:** Razor Blade Test  
VIA Test  
SO<sub>2</sub> Test

**Materials:** Razor Blade Test Kit  
VIA Test Kit  
SO<sub>2</sub> Test Kit  
Submitted woven laminated polyethylene film  
Cortec, "EcoWeave", Batch #06516, PO# 56841

**Procedure:** The above tests were performed according to standard procedures for each.

**Results:**

### Razor Blade Test

Material	Panel #1	Panel #2	Panel #3
Submitted woven polyethylene	Fail	Fail	Pass
EcoWeave	Pass	Pass	Pass
Control	Fail	Fail	Fail

### VIA Test

Material	Plug #1	Plug #2	Plug #3
Submitted woven polyethylene	Grade 1	Grade 1	Grade 0
EcoWeave	Grade 2	Grade 3	Grade 3
Control	Fail	Fail	Fail



SO<sub>2</sub> Test

Material	Panel #1	Panel #2	Panel #3
Submitted woven polyethylene	Grade 1	Grade 2	Grade 2
EcoWeave	Grade 4	Grade 4	Grade 4
Control	Fail	Fail	Fail

**Conclusion:**

Submitted woven polyethylene film fails to provide sufficient corrosion inhibition. The Cortec product, “EcoWeave” provides excellent corrosion inhibition.

**Project #:** 06-156-1125

