



# **ENDOT INDUSTRIES, INC.**

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## **PIPE AND TUBING • DUCT AND INNERDUCT**

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### **ULTRAVIOLET STABILITY OF INNERDUCT**

Innerduct produced in colors is not normally UV stabilized for long term outdoor storage or outdoor use unless UV stabilization is specifically requested by the customer.

Endot wraps reels in a black stretch film to reduce UV exposure which provides limited protection.

Colored innerduct without UV stabilization should not be stored outdoors for extended periods of time, if innerduct without UV stabilization is stored outdoors UV damage will likely begin within one year or less.

Innerduct stored outdoors should be closely inspected for UV damage before using. Damage will likely be in the form of fading of the color and brittleness of the material (brittleness will reduce innerduct tensile strength significantly).

Once UV damage begins it cannot be stopped by removing the innerduct to a protected area. Damage will continue to grow once the UV stabilizer package has been depleted.

Black innerduct (containing a minimum 2% Carbon black) is naturally UV protected by the carbon black used to make the innerduct black in color.

Endot recommends the use of black innerduct for applications where the innerduct will be exposed to sunlight continuously. Colors can be UV stabilized, but always with a finite life. Black provides UV protection for nearly infinite periods of exposure.

#### **ENDOT INDUSTRIES, INC.**

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