

JMN SPECIALTIES, INC.

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PRODUCT BULLETIN

D-TEK

Tracer Dye Sticks

General Description

D-TEK TRACER DYE STICKS are designed for use in pipeline hydro-test and flooding applications. In addition, **D-TEK TRACER DYE STICKS** are ideal for sewer line tracing and a myriad of leak detection studies such as storage tanks, cooling towers and to gauge the infiltration of soil with waste waters from industrial sources. **D-TEK TRACER DYE STICKS** are designed to provide maximum solubility in fresh or salt water. These dyes can be detected by the eye in open lakes or seawater as a marker buoy in concentrations of one part per million. In actual practice, it is suggested that tracings start with ten parts per million liquid, so to allow for dilution factors, wave action, etc. **D-TEK TRACER DYE STICKS** in the dry powder form is dark red/orange. When contacted with water and dispersed the water becomes fluorescence yellow in hue with a distinctive characteristic green fluorescence.

Application

D-TEK TRACER DYE STICKS when used in diving operations can be placed into spool pieces prior to insertion sub sea. The sticks then dissolve once water fills the spool piece. The individual water tight zippered bags protect the stick so divers can submerge and insert into the line via a flange. For surface applications, the sticks can be placed into equipment being tested for leaks. The short dissolving time of 30 minutes helps reduce time spent in timing flowing and circulation applications. For large applications, **D-TEK TRACER DYE LIQUID** may be more and efficient. Call the **JMN** sales representative for details.

DOSAGES	GALLONS	CUBIC FEET	* NUMBER OF STICKS
	2,500	334	2
	10,000	1,336	8
	20,000	2,672	16
	80,000	10,688	64
	100,000	13,361	80

* **When using in underwater pipeline applications place 2-3 sticks inside each flange to be tested. This will ensure a strong concentration of dye at each flange.**

Physical Properties

Form	Solid tube
Flash point	None
Weight, Dye only	3 ounces
Dimensions	1 $\frac{1}{4}$ " x 9"
Solubility	Complete in fresh or salt water

Availability

D-TEK TRACER DYE STICKS are supplied in individually zippered water-tight bags.

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