



GC SATURATION INDICATORS

BREAKTHROUGH INDICATORS

Using our **GC Saturation Indicators** are an easy method to provide a real time indication of the breakthrough of hydrogen sulfide gas and mercaptans. The indicators are constructed of a clear tube filled with our media. The indicators screw into a sample port using the 3/4" MPT connection at a point where the air effluent can pass through it after it has been treated by the carbon bed. Before use, the foils on this MPT connection and on the top of the tube need to be removed so the air can flow through the pinholes. Once the media in the tube has completely turned brown, it can be assumed that the carbon bed is either spent or getting close to breakthrough.

H₂S Breakthrough Indicator



Additional Specifications:

Weight (empty):	28g
Dimensions (inches):	3.5, 1.0
Inlet Dimensions:	3/4 MNPT
Operating Temp:	-20°C to 65°C
Color Change:	Green to Brown/Black
Shelf Life:	2 years
Service Life:	2 years

Mercaptans Breakthrough Indicator



Additional Specifications:

Weight (empty):	28g
Dimensions (inches):	3.5, 1.0
Inlet Dimensions:	3/4 MNPT
Operating Temp:	-20°C to 65°C
Color Change:	Yellow to Pink
Shelf Life:	1 years
Service Life:	12 years

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Operating Instructions

- a. Ensure that packaging pouch is intact.
- b. Open packaging pouch by tearing off the top part from one of side notches.
- c. Remove the breakthrough Indicator from the packaging pouch.
- d. Remove the 3/4" threaded plug from the carbon absorber outlet lid.
- e. Remove the protective red plugs to activate the breakthrough indicator.
- f. Thread the Breakthrough Indicator into the 3/4" threaded carbon absorber outlet