



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 organic vapors. 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 Saturation 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

Organic Vapor (OV) Saturation Indicator



Additional Specifications:

Weight (empty):	28g
Dimensions (inches):	3.5, 1.0
Inlet Dimensions:	3/4 MNPT
Operating Temp:	-20°C to 32°C
Color Change:	Green to Brown/Black
Shelf Life:	12 months
Service Life:	12 months

H2S Color Changes When Used



Filter is Good



Replace Filter



VOC Color Changes When Used (COLORS ARE APPROXIMATE)



Unexposed



Exposed
Aliphatic hydrocarbons & alcohols



Other organic vapors

Please contact General Carbon Corporation if you have any questions about the application or reading the indicators.