


KEY LEAK DETECTION FACTS

LEAK RATE UNITS

1 atms cc / sec = One cubic centimetre of gas,
 at atmospheric pressure,
every second

Leak Types

Gross = 1 atms cc / sec

Medium = 0.01 atms cc / sec or 1×10^{-2}

Micro = 0.000001 atms cc / sec or 1×10^{-6}

Molecular = 0.00000001 atms cc / sec or 1×10^{-8}

Summary of Detectable Leak Rates

PRESSURE DROP / RISE	1×10^{-2} cc/sec
Shelf life for 33cl can	1 hour
LIGHT DETECTION TEST	1×10^{-3} cc/sec
Shelf life for 33cl can	10 hrs
BUBBLE TESTING	1×10^{-5} cc/sec
Shelf life for 33cl can	6 weeks
DYE PENETRATION	1×10^{-6} cc/sec
HELIUM MASS SPECTROMETER	1×10^{-6} cc/sec
Shelf life for 33cl can	15 months