

URPID Pre-Filter Tube Butadiene

PBU-1

CF000904

Measuring Range	0.1 - 200 ppm
Gas Flow	360 ml/min

Humidity: 0 – 95% RH: Correction Factor

Relative Humidity	<5%	50%	80%
Correction factor (CF)*	1.0	1.5	1.6

*When calibrated from dry gas cylinder, multiply the reading by the CF to obtain the true value.

Colour Change	No color change
Shelf Life	2 year
Storage condition	Between 0 °C to 20 °C in dark.



Cross sensitivity

Compound	Test conc. (ppmv)*	Apparent Response on PID Instrument (ppmv)
Acrylonitrile	100	0
Styrene	100	0
Ethylbenzene	200	0
Toluene	100	0
Benzene	100	0.04 ppm
Methane	25000	0
Ammonia	50	0
Propane	1000	0
Hexane	200	0.01 ppm
Cyclohexane	50	0.02 ppm
Vinyl chloride	40	2.7 ppm
1,2-Dichloroethane	40	0
Per chloroethylene	40	0
Trichloroethylene	40	0
Methyl bromide	4	0

*Not necessarily the maximum allowable concentration