Scott Transportable Pure Gases and Mixtures in 14-, 48-, and 110-Liter Sizes

We offer a wide range of Scott Transportable Gases, from pure gases for purging or calibrating to multi-component mixes which are ideal for peak identification work.

The 14-liter container has a CGA 160 connection for more precise integration with analytical systems. The 48-liter cylinder has a CGA 165 connection, and can deliver large volumes of sample. The 110-liter cylinder has a CGA 180 connection.

Scotty® 14

Contents: 14 liters
Pressure: 240psig (17 bar)
Outlet Fitting: CGA 160

Weight: 1.5 lbs/0.7 kg
Dimensions: 3" diameter x 11" height (7.6 x 28cm)
D.O.T. Specifications: 4B240

Scotty® 48

Contents: 48 liters
Pressure: 300psig (21 bar)
Outlet Fitting: CGA 165

Weight: 1.75 lbs/0.8 kg
Dimensions: 4" diameter x 16 1/4" height (10.2 x 41cm)
D.O.T. Specifications: 39 NRC

Scotty® 110 (Pi-marked Cylinders for EU Regulations)

Contents: 110 liters
Pressure: 1800psig (124 bar)
Outlet Fitting: CGA 180

Weight: 2.2 lbs/1 kg
Dimensions: 3.25" diameter x 11.625" height (8.3 x 29.5cm)
D.O.T. Specifications: 3AL2216

Description	Shelf Life	Scotty® 14 (14 Liter) cat.#	Scotty® 48 (48 Liter) cat.#	Scotty® 110 (110 Liter) cat.#
Pure Gases				
Air, zero (THC < 1ppm)	2 yrs.	34448	34449	34449-PI
Argon, 99.995%	2 yrs.	34457	—	34457-PI
Carbon dioxide, 99.80%	2 yrs.	34451	34452	34452-PI
Hydrogen, 99.99%	2 yrs.	34453	—	34453-PI
Methane, 99.00%	2 yrs.	34454	—	34454-PI
Oxygen, 99.60%	2 yrs.	34455	—	34455-PI
Two-Component Mixtures				
Benzene in air (1ppm)	1 yr.	—	34458	34458-PI
Benzene in air (100ppm)	1 yr.	—	34459	34459-PI
1,3-Butadiene in nitrogen (10ppm)	2 yrs.	34460	34461	34461-PI
Carbon dioxide in helium (100ppm)	2 yrs.	34462	—	34462-PI
Carbon dioxide in nitrogen (100ppm)	2 yrs.	34463	34464	34464-PI
Carbon dioxide in nitrogen (1000ppm)	2 yrs.	34465	34466	34466-PI
Ethylene in air (8-10ppm)	2 yrs.	34467	34468	34468-PI
Ethylene in helium (100ppm)	2 yrs.	34489	—	34489-PI
Hydrogen in helium (100ppm)	2 yrs.	34469	—	34469-PI
Hydrogen in nitrogen (1%)	2 yrs.	34471	34472	34472-PI
Hydrogen in nitrogen (100ppm)	2 yrs.	34473	34474	34474-PI
Methane in helium (100ppm)	2 yrs.	34476	34477	34477-PI
Methane in nitrogen (100ppm)	2 yrs.	34478	—	34478-PI
Methane in nitrogen (1%)	2 yrs.	34482	34483	34483-PI
Nitrogen in helium (100ppm)	2 yrs.	34479	—	34479-PI
Nitrous oxide in nitrogen (1ppm)	2 yrs.	34484	34485	34485-PI
Oxygen in helium (100ppm)	2 yrs.	34480	—	34480-PI
Oxygen in nitrogen (2%)	2 yrs.	34487	34488	34488-PI
Oxygen in nitrogen (6%)	2 yrs.	34491	34492	34492-PI
1,1,1-Trichloroethane in nitrogen (10ppm)	2 yrs.	—	34493	34493-PI
Trichloroethylene in nitrogen (10ppm)	2 yrs.	34494	34495	34495-PI
Vinyl chloride in nitrogen (1ppm)	2 yrs.	34496	34497	34497-PI
Vinyl chloride in nitrogen (10ppm)	2 yrs.	34498	34499	34499-PI
Vinyl chloride in nitrogen (50ppm)	2 yrs.	34500	—	34500-PI
Vinyl chloride in nitrogen (100ppm)	2 yrs.	34501	—	34501-PI
Vinyl chloride in nitrogen (1000ppm)	2 yrs.	34502	—	34502-PI

new!

Pi-marked Gas Cylinders Now Available for EU Countries

Our new Pi-marked gas standards from Scott Specialty Gases meet the requirements of Transportable Pressure Equipment Directive (TPED) implemented in 2001 that regulates the safe transport of pressurized containers used throughout the European community.