

TracePLOT GC columns

Thermo Scientific™ TracePLOT™ TG-BOND Alumina GC columns: Na₂SO₄ and KCl deactivation

Optimized for linear and quantitative analysis of polar unsaturated hydrocarbons

- Strong bonding to prevent particle generation suits these columns in valve-switching operations without damage to injection and detection systems from particle release
- Columns to which water has adsorbed may be regenerated to restore full efficiency and selectivity
- Each column has been tested to ensure proper film thickness (1,3-butadiene), selectivity (propadiene and methyl acetylene), resolution (trans-2-butene and 1-butene) and coating efficiency (1,3-butadiene)

TracePLOT TG-BOND Alumina GC columns

ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
Na₂SO₄ Deactivation				
0.32	30	5	26001-6020	1 Each
	50	5	26001-6050	1 Each
0.53	30	10	26001-6080	1 Each
	50	10	26001-6110	1 Each
KCl Deactivation				
0.32	30	5	26002-6020	1 Each
	50	5	26002-6050	1 Each
0.53	30	10	26002-6080	1 Each
	50	10	26002-6110	1 Each

Applications:

- C1-C5 hydrocarbons
- Unsaturated hydrocarbon isomers

TracePLOT TG-BOND Sieve 5A GC columns

Designed for separation of Ar/O₂ and other permanent gases

- Specially designed coating and deactivation procedures for chromatographic efficiency and the integrity of the coating porous layer
- Deactivation process yields a sharp peak for CO elution rather than the tailing commonly seen in other columns
- High retention of molecular sieve permits separation of permanent gases at temperatures above ambient
- Uniform particles remain adherent to the tubing even following continuous valve-cycling

TracePLOT TG-BOND Sieve 5A GC Columns

ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
0.32	15	30	26003-6010	1 Each
	30	30	26003-6040	1 Each
0.53	15	50	26003-6070	1 Each
	30	50	26003-6100	1 Each
	50	50	26003-1630	1 Each

Applications:

- Permanent gases
- Refinery or natural gases

TracePLOT TG-BOND Q GC Columns

Non-polar columns for oxygenated compounds and solvents

- Non-polar 100q% divinyl benzene phase
- Particles incorporated into the walls of the tubing for essentially no particle release

TracePLOT TG-BOND Q GC columns

ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
0.32	15	10	26004-6000	1 Each
	30	10	26004-6030	1 Each
0.53	15	20	26004-6060	1 Each
	30	20	26004-6090	1 Each

Applications:

- C1 to C3 isomers and alkanes up to C12
- Separation of CO₂, methane and O₂/N₂/CO
- Analysis of oxygenated compounds and solvents

TracePLOT TG-BOND Q+ GC columns

Intermediate polarity columns for baseline separation of ethane, ethylene and acetylene

- Intermediate polarity, porous divinyl benzene homopolymer
- Particles incorporated into the walls of the tubing for essentially no particle release

TracePLOT TG-BOND Q+ GC columns

ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
0.32	15	10	26005-6000	1 Each
	30	10	26005-6030	1 Each
0.53	15	20	26005-6060	1 Each
	30	20	26005-6090	1 Each

Applications:

- Separation of ethane, ethylene and acetylene to baseline

Learn more at thermofisher.com/GCcolumns

TracePLOT TG-BOND S GC columns

Columns for analysis of non-polar and mid-polar compounds

- Mid-polarity, divinylbenzene 4-vinylpyridine solid phase
- Particles incorporated into the walls of the tubing for essentially no particle release

TracePLOT TG-BOND S GC columns

ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
0.32	15	10	26006-6000	1 Each
	30	10	26006-6030	1 Each
0.53	30	20	26006-6090	1 Each

Applications:

- Non-polar and mid-polar compounds

TracePLOT TG-BOND U GC columns

Columns for analysis of polar compounds

- Polar, divinylbenzene ethylene glycol/dimethylacrylate phase
- Particles incorporated into the walls of the tubing for essentially no particle release

TracePLOT TG-BOND U GC columns

ID (mm)	Length (m)	Film Thickness (µm)	Cat. No.	Quantity
0.32	15	10	26007-6000	1 Each
	30	10	26007-6030	1 Each
0.53	30	20	26007-6090	1 Each

Applications:

- Analysis of polar compounds

TracePLOT particle traps for GC instruments

Provides a safeguard from dislodged particles entering the detector

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TracePLOT particle traps for GC instruments

Description	ID (mm)	Cat. No.	Quantity
PLOT Particle Trap 2.5m x 0.25mm	0.25	60180-862	1 Each
PLOT Particle Trap 2.5m x 0.32mm	0.32	60180-860	1 Each
PLOT Particle Trap 2.5m x 0.53mm	0.53	60180-861	1 Each