

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, Na₂SO₄ and KCl Deactivation

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

Similar to:

- Alumina-PLOT
- AT-Alumina
- CP-Al₂O₃/KCl
- CP-Al₂O₃/Na₂SO₄
- GS-Alumina
- GS-Alumina KCl
- HP PLOT M
- HP PLOT S
- Rt-Alumina BOND (KCl)
- Rt-Alumina BOND (Na₂SO₄)

TracePLOT TG-BOND Msieve 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 Msieve 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

Similar to:

- GS-Msieve
- HP PLOT Molsieve
- CP-Molsieve 5A
- Molsieve 5A
- AT-Molsieve
- PLT-5A
- Rt-Msieve 5A



TracePLOT TG-BOND Q GC Columns

Non-polar columns incorporating particles to the walls of the tubing for essentially no particle release

- Non-polar 100% divinyl benzene phase
- Particles incorporated to 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

Similar to:

- CP-PoraPLOT Q
- Rt-Q-BOND
- CP-PoraBond Q
- Supel-Q-Plot
- AT-Q

TracePLOT TG-BOND Q+ GC Columns

Intermediate polarity columns incorporating particles to the walls of the tubing for essentially no particle release

- Intermediate polarity, porous divinyl benzene homopolymer
- Particles incorporated to 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

Similar to:

- GS-Q
- Rt-QS-BOND

TracePLOT TG-BOND S GC Columns

Mid-polarity columns incorporating particles to the walls of the tubing for essentially no particle release

- Mid-polarity, divinylbenzene 4-vinylpyridine solid phase
- Particles incorporated to 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	15	20	26006-6060	1 Each
	30	20	26006-6090	1 Each

Applications:

- Non-polar and polar compounds

Similar to:

- CP-PoraPLOT S
- Supel-G45
- Rt-S-BOND

TracePLOT TG-BOND U GC Columns

Polar columns incorporating particles to the walls of the tubing for essentially no particle release

- Polar, divinylbenzene ethylene glycol/dimethylacrylate phase
- Particles incorporated to 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	15	20	26007-6060	1 Each
	30	20	26007-6090	1 Each

Applications:

- Analysis of polar and non-polar compounds

Similar to:

- HP-PLOT U
- Rt-U-BOND
- CP-PoraPLOT U
- CP-PoraBOND U
- Supel-N PLOT

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 0.32mm	0.32	60180-860	1 Each
PLOT Particle Trap 2.5m x 0.53mm	0.53	60180-861	1 Each