TracePLOT GC Columns

TracePLOT TG-BOND Alumina GC Columns: Na_2SO_4 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
Na_2SO_4 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 Msieve 5A GC Columns

Designed for separation of Ar/O_2 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

TracePLOT TG-BOND Q GC Columns

Non-polar columns for oxygenated compounds and solvents

- Non-polar 100% 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 CO_2, methane and $O_2/N_2/CO$
- 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

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	15	20	**26006-6060**	1 Each
	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	15	20	**26007-6060**	1 Each
	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