

HP-PLOT MoleSieve

- A PLOT column for the analysis of permanent gases
- O₂, N₂, CO, and CH₄ resolve in less than 5 minutes
- Durable molecular sieve 5Å coating minimizes baseline spiking and damage to multiport valves
- Select a thick film for Ar/O₂ separation without cryogenic cooling
- Select a thin film for routine air monitoring applications

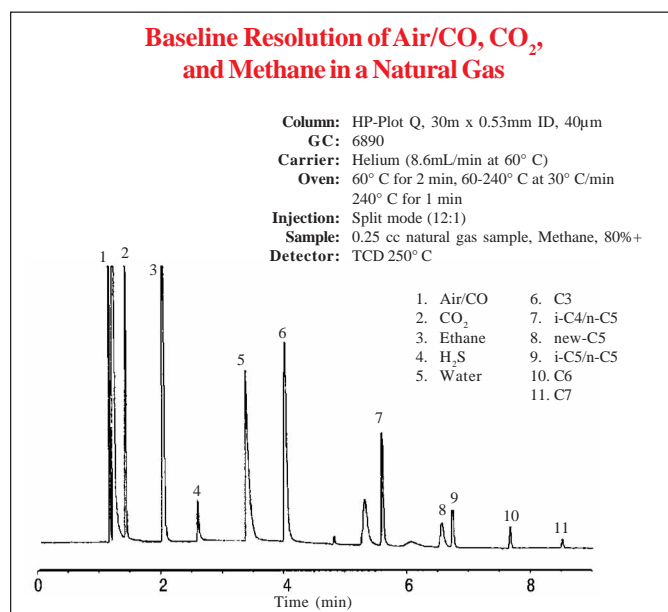
Note: Molecular sieve columns will adsorb water which, over time, results in changes in retention time. We use an advanced, proprietary deactivation process which allows for rapid regeneration. Fully saturated HP-PLOT MoleSieve columns regenerate in 7 hours or less at 200°C.

ID(mm)	Length	Film	Iso/Prog	Cat. No.
0.32	15m	12µm	200	19091P-MS3
	15m	25µm	200	19091P-MS7
	30m	12µm	200	19091P-MS4
	30m	25µm	200	19091P-MS8
0.53	15m	25µm	200	19095P-MS5
	15m	50µm	200	19095P-MS9
	30m	25µm	200	19095P-MS6
	30m	50µm	200	19095P-MS0

HP-Plot Q

- Excellent column for C1-C3 isomers and Alkanes to C12, CO₂, methane, air/CO, oxygenated compounds, sulfur compounds and solvents
- Separates ethane, ethylene, and ethyne (acetylene)
- Minimal conditioning time required – 1 hour

ID(mm)	Length	Film	Iso/Prog	Cat. No.
0.32	15m	20µm	270/290	19091P-QO3
	30m	20µm	270/290	19091P-QO4
0.53	15m	40µm	270/290	19095P-QO3
	30m	40µm	270/290	19095P-QO4



HP-PLOT U

- Bonded divinylbenzene/ethylene glycol dimethacrylate
- Excellent column for C1 to C7 hydrocarbons, CO₂, methane, air/CO, water, oxygenates, amines, solvents, alcohols, ketones, and aldehydes

ID(mm)	Length	Film	Max ° C	Cat. No.
0.32	15m	10µm	190	19091P-UO3
	30m	10µm	190	19091P-UO4
0.53	15m	20µm	190	19095P-UO3
	30m	20µm	190	19095P-UO4

HP-101

- 100% Polydimethylsiloxane
- Not bonded or crosslinked
- Solvent rinsing is NOT recommended

ID(mm)	Length	Film	Iso/Prog	Cat. No.
0.20	12m	0.25µm	0 to 280	19091-60010
	25m	0.2µm	0 to 280	19091Y-102
	50m	0.2µm	0 to 280	19091Y-105
0.32	25m	0.3µm	0 to 280	19091Y-012
	50m	0.3µm	0 to 280	19091Y-015

HP-17

- 50% Phenyl and 50% Methyl siloxane
- Not bonded or crosslinked
- Solvent rinsing is NOT recommended

ID(mm)	Length	Film	Iso/Prog	Cat. No.
0.53	10m	2.0µm	260/280	19095L-121

HP-20M

- Polyethylene glycol, MW 20,000
- Equivalent to USP Phase G16
- Not bonded or crosslinked
- Solvent rinsing is NOT recommended

ID(mm)	Length	Film	Iso/Prog	Cat. No.
0.2	25m	0.1µm	60 to 220	19091W-102
	50m	0.1µm	60 to 220	19091W-105
0.32	25m	0.3µm	60 to 220	19091W-012
	50m	0.3µm	60 to 220	19091W-015
0.53	10m	1.33µm	60 to 220	19095W-121
	30m	1.33µm	60 to 220	19095W-123