

007-1

- 100% Dimethylpolysiloxane
- Excellent thermal stability
- Non polar
- Bonded and crosslinked

007-1 Temperature Limits

Film (μm)	Temperature Range ($^{\circ}\text{C}$)
0.1 ~ 1.0	-50 ~ 330/350
2.0 ~ 5.0	-50 ~ 280/300
6.0 ~ 8.0	-50 ~ 260/280

007-1 Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.25	12, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.33, 0.5, 1.0
0.32	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.33, 0.5, 0.52, 1.0 (2.0, 3.0, 4.0, 5.0 on 60M or less)
0.53	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 0.88, 1.0, 2.0, 2.65 (3.0, 4.0, 5.0, 6.0, 7.0, 8.0 on 50M or less)

007-1 PHAT

- 100% Dimethylpolysiloxane
- Excellent thermal stability
- Non polar
- High thick film

007-1 PHAT Temperature Limits

Film (μm)	Temperature Range ($^{\circ}\text{C}$)
2.0 ~ 5.0	-50 ~ 280/300
6.0 ~ 8.0	-50 ~ 260/280
10.0 ~ 18.0	-50 ~ 180/200

007-1 PHAT Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.25	10, 15, 25, 30	3.0, 5.0, 8.0
0.32	10, 15, 25, 30	8.0, 10.0, 12.0
0.53	10, 15, 25, 30	10.0, 12.0, 15.0, 18.0

400-1HT

- 100% Dimethylpolysiloxane
- Specially processed for extended temperature limit of 440 $^{\circ}\text{C}$
- Non polar
- Excellent thermal stability

400-1HT Temperature Limits

Film (μm)	Temperature Range ($^{\circ}\text{C}$)
0.1	-50 ~ 420/440

400-1HT Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.23	10, 15, 25	0.1

007-5

- (5% Phenyl)-methylpolysiloxane
- Excellent thermal stability
- Non polar
- Bonded and crosslinked

007-5 Temperature Limits

Film (μm)	Temperature Range ($^{\circ}\text{C}$)
0.1 ~ 1.0	-50 ~ 330/350
2.0 ~ 5.0	-50 ~ 280/300
6.0 ~ 8.0	-50 ~ 260/280

007-5 Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.25	12, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.33, 0.5, 1.0 0.1, 0.25, 0.33, 0.5
0.32	10, 15, 25, 30, 50, 60, 75, 100	0.52, 1.0, 2.0, 3.0, 4.0 (5.0 on 60M or less)
0.53	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 0.88, 1.0, 2.0, 2.65 (3.0, 4.0, 5.0, 6.0, 7.0, 8.0 on 50M or less)

007-5 PHAT

- (5% Phenyl)-methylpolysiloxane
- Excellent thermal stability
- Bonded and crosslinked
- Non polar
- High thick film

007-5 PHAT Temperature Limits

Film (μm)	Temperature Range ($^{\circ}\text{C}$)
2.0 ~ 5.0	-50 ~ 280/300
6.0 ~ 8.0	-50 ~ 260/280
10.0 ~ 18.0	-50 ~ 180/200

007-5 PHAT Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.25	10, 15, 25, 30	3.0, 5.0, 8.0
0.32	10, 15, 25, 30	8.0, 10.0, 12.0
0.53	10, 15, 25, 30	10.0, 12.0, 15.0, 18.0

007-5MS

- Silphenylene Polysiloxane
- Excellent thermal stability
- Ideal for GC/MS
- Non polar
- Low bleed characteristics
- Bonded and crosslinked

007-5MS Temperature Limits

Film (μm)	Temperature Range (°C)
0.1 ~ 1.0	-50 ~ 330/350

007-5MS Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.25	15, 25, 30, 50, 60	0.1, 0.25, 0.5, 1.0
0.32	15, 25, 30, 50, 60	0.1, 0.25, 0.5, 1.0
0.53	10, 15, 25, 30, 50	0.1, 0.25, 0.5, 1.0

007-10

- (10% Phenyl)-methylpolysiloxane
- Bonded and crosslinked

007-10 Temperature Limits

Film (μm)	Temperature Range (°C)
0.1 ~ 1.0	-50 ~ 280/300
2.0 ~ 5.0	-50 ~ 260/280
6.0 ~ 8.0	-50 ~ 240/260

007-10 Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.25	12, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.33, 0.5, 1.0
0.32	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.33, 0.5, 0.52, 1.0 (2.0, 3.0, 4.0, 5.0 on 60M or less)
0.53	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 0.88, 1.0, 2.0, 2.65 (3.0, 4.0, 5.0, 6.0, 7.0, 8.0 on 50M or less)

007-20

- (20% Phenyl)-methylpolysiloxane
- Bonded and crosslinked

007-20 Temperature Limits

Film (μm)	Temperature Range (°C)
0.1 ~ 1.0	-50 ~ 280/300
2.0 ~ 5.0	-50 ~ 260/280
6.0 ~ 8.0	-50 ~ 240/260

007-20 Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.25	12, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.33, 0.5, 1.0
0.32	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.33, 0.5, 0.52, 1.0 (2.0, 3.0, 4.0, 5.0 on 60M or less)
0.53	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 0.88, 1.0, 2.0, 2.65 (3.0, 4.0, 5.0, 6.0, 7.0, 8.0 on 50M or less)

007-502, 007-608 and 007-624

- Cyanopropylphenyl Methylpolysiloxane
- Ideal for volatile organic compound analyses
- 007-502, 007-608 and 007-624 are three slightly different versions of cyanopropylphenyl substitutions on a methylpolysiloxane backbone. These phases have been specifically designed for the analysis of volatile organic compounds and pesticides as specified in many EPA Methods including 502.1, 502.2, 503.1, 524.1, 524.2, 601, 602, 608, 624, 8010, 8011, 8015, 8020, 8240 and 8260.
- Bonded and crosslinked

007-502, 007-608 and 007-624 Temperature Limits

Film (μm)	Temperature Range (°C)
0.1 ~ 1.0	-50 ~ 305/325
2.0 ~ 5.0	-50 ~ 260/280

007-502, 007-608 and 007-624 Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.25	30, 50	1.0, 2.0
0.32	30, 50	3.0, 5.0
0.53	15, 30, 50, 60, 75, 105	0.8, 1.0, 2.0, 2.5, 3.0, 5.0

007-1301

- (6% Cyanopropylphenyl)-methylpolysiloxane
- Excellent thermal stability
- Moderately polar
- Bonded and crosslinked

007-1301 Temperature Limits

Film (μm)	Temperature Range ($^{\circ}\text{C}$)
0.1 ~ 1.0	-30 ~ 300/320

007-1301 Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.25	15, 25, 30, 50, 60	0.1, 0.25, 0.5
0.32	10, 15, 25, 30, 50, 60	0.1, 0.25, 0.5
0.53	10, 15, 25, 30, 50, 60	0.1, 0.25, 0.5, 1.0

007-1701

- (14% Cyanopropylphenyl)-methylpolysiloxane
- Excellent thermal stability
- Moderately polar
- Bonded and crosslinked

007-1701 Temperature Limits

Film (μm)	Temperature Range ($^{\circ}\text{C}$)
0.1 ~ 1.0	-20 ~ 260/280
2.0 ~ 3.0	-20 ~ 240/260

007-1701 Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.25	15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 1.0
0.32	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 1.0, 2.0, 3.0
0.53	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 1.0, 2.0, 3.0

007-35

- (35% Phenyl)-methylpolysiloxane
- Bonded and crosslinked

007-35 Temperature Limits

Film (μm)	Temperature Range ($^{\circ}\text{C}$)
0.1 ~ 1.0	-50 ~ 280/300
2.0 ~ 5.0	-50 ~ 260/280
6.0 ~ 8.0	-50 ~ 240/260

007-35 Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.25	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.33, 0.5, 1.0
0.32	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.33, 0.5, 0.52, 1.0 (2.0, 3.0, 4.0, 5.0 on 60M or less)
0.53	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 0.88, 1.0, 2.0, 2.65 (3.0, 4.0, 5.0, 6.0, 7.0, 8.0 on 50M or less)

007-17

- (50% Phenyl)-methylpolysiloxane
- Bonded and crosslinked
- Medium polarity

007-17 Temperature Limits

Film (μm)	Temperature Range ($^{\circ}\text{C}$)
0.1 ~ 1.0	40 ~ 305/325
2.0 ~ 3.0	40 ~ 280/300

007-17 Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.25	15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.33, 0.5, 1.0
0.32	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 0.52, 1.0, 2.0, 3.0
0.53	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 1.0 (2.0, 3.0 on 50M or less)

007-65HT

- (65% Phenyl)-methylpolysiloxane
- Excellent thermal stability
- Moderately polar
- Bonded and crosslinked

007-65HT Temperature Limits

Film (μm)	Temperature Range ($^{\circ}\text{C}$)
0.1 ~ 0.25	40 ~ 370/390

007-65HT Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.25	15, 25, 30, 50, 60	0.1, 0.25

007-225

- (50% Cyanopropylphenyl)-methylpolysiloxane
- Bonded and crosslinked
- Moderately polar

007-225 Temperature Limits

Film (μm)	Temperature Range (°C)
0.1 ~ 1.0	40 ~ 220/240
2.0 ~ 3.0	40 ~ 200/220

007-225 Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.25	15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 1.0
0.32	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 1.0
0.53	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 1.0, 1.2, 2.0, 3.0

007-CW

- Polyethylene glycol (PEG) Polymer
- Bonded and crosslinked
- Moderately polar

007-CW Temperature Limits

Film (μm)	Temperature Range (°C)
0.1 ~ 1.0	20 ~ 260/280
2.0 ~ 5.0	20 ~ 220/240

007-CW Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.25	15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5 (1.0 on 60M or less)
0.32	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 1.0 (2.0, 3.0 on 50M or less)
0.53	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 1.0, 2.0, 3.0 (4.0, 5.0 on 30M or less)

BTR-CW

- Oxygen resistant Polyethylene glycol (PEG)
- Excellent oxygen resistance
- Moderately polar
- Bonded and crosslinked

BTR-CW Temperature Limits

Film (μm)	Temperature Range ($^{\circ}\text{C}$)
0.1 ~ 1.0	20 ~ 260/280
2.0 ~ 5.0	20 ~ 220/240

BTR-CW Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.25	15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5 (1.0 on 60M or less)
0.32	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 1.0 (2.0, 3.0 on 50M or less)
0.53	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 1.0, 2.0, 3.0 (4.0, 5.0 on 30M or less)

007-FFAP

- Nitroterephthalic acid modified Polyethylene glycol (PEG)
- Bonded
- Moderately polar

007-FFAP Temperature Limits

Film (μm)	Temperature Range ($^{\circ}\text{C}$)
0.1 ~ 1.0	20 ~ 240/260
2.0 ~ 5.0	20 ~ 220/240

007-FFAP Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.25	15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5 (1.0 on 60M or less)
0.32	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 1.0 (2.0, 3.0 on 50M or less)
0.53	10, 15, 25, 30, 50, 60, 75, 100	0.1, 0.25, 0.5, 1.0, 2.0, 3.0 (4.0, 5.0 on 30M or less)

007-23

- (78% Cyanopropyl)-methylpolysiloxane
- FAME column
- Very polar
- Bonded and crosslinked

007-23 Temperature Limits

Film (μm)	Temperature Range (°C)
0.25	40 ~ 260/280

007-23 Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.25	30, 60	0.1, 0.25, 0.5

PLT-5A

- Molecular Sieve 5Å PLOT
- Excellent thermal stability for regenerating the adsorbent layer
- Rugged layer of molecular sieve
- Reliable permanent gas analysis

PLT-5A Temperature Limits

Film (μm)	Temperature Range (°C)
25	-50 ~ 280/300

PLT-5A Available Columns Configurations

ID (mm)	Length (M)	Film (μm)
0.53	30	25

Ultra Alloy Series Stainless Steel GC Columns

Ultra Alloy Columns Configurations

Phases	Film (μm) for 0.25 mmID	Film (μm) for 0.53 mmID	Temperature Limits (°C)
UAC-1	0.15, 0.25, 0.5, 1.0	0.15, 0.25, 0.5, 1.5, 5.0	-60 ~ 370/380
UAC-1HT	0.15, 0.25	0.15, 0.25	-60 ~ 400/420
UAC-1MS	0.1, 0.15, 0.25	---	-60 ~ 450
UAC-SIMDIS	---	0.1	-60 ~ 450
UAC-5	0.15, 0.25, 0.5, 1.0	0.15, 0.25, 0.5, 1.5	-60 ~ 360/380
UAC-5MS	0.1, 0.15, 0.25	---	-60 ~ 430
UAC-DX30	0.15	0.15	40 ~ 450
UAC-1701	0.25, 0.5, 1.0	0.25, 0.5, 1.0	-20 ~ 300/320
UAC-17	0.1, 0.25, 0.5, 1.0	0.25, 0.5, 1.0	40 ~ 370/390
UAC-CW	0.25	0.5, 1.0	20 ~ 260
UAC-FFAP	0.25	0.5, 1.0	20 ~ 260
UAC-65HT	0.1	0.1	40 ~ 370/380
UAC-502	1.0	3.0	-20 ~ 270
UAC-624	1.0	3.0	-20 ~ 270
UAC-DIDP	0.4	---	0 ~ 150