

imChem® GC Graphite ferrules



Our production

imChem offers a wide variety of one-piece ferrules.

GC ferrules in 100% Graphite, 60% Polyimide/40% Graphite, 85% Polyimide/15% Graphite, 100% Polyimide, and 100% PTFE ferrules.

Various combinations of reducing ferrules are available on demand.

GC Ferrules Selection guide :

1/16" x 0.4mm => capillary Tubing with ID of 0.10-0.25mm

1/16" x 0.5mm => capillary Tubing with ID of 0.28-0.35mm

1/16" x 0.8mm => capillary Tubing with ID of 0.45-0.53mm

1/16" x 1.0mm => capillary Tubing with ID of 0.75mm

No Hole => custom fittings or plugs

2 Hole => Connects 2 Pieces of capillary tubing to the same fitting

Maximum operating temperatures :

100% Graphite ferrules = 450°C

85% Polyimide / 15% Graphite = 400°C

60% Polyimide / 40% Graphite = 400°C

100% Polyimide ferrules = 350°C

100% PTFE ferrules = 250°C

Product list :

Part Number	Description	Units
GF-05-CE	0.5mm Carlo Erba Style 100% Graphite Ferrules	10/pk
GF-08-CE	0.8mm Carlo Erba Style 100% Graphite Ferrules	10/pk
GF-100	1" 100% Graphite Ferrules	2/pk
GF-01	1/16" 100% Graphite Ferrules	10/pk
HF-01	1/16" 100% Polyimide Ferrules	10/pk
GH-01	1/16" 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-01	1/16" 85% Polyimide / 15% Graphite Ferrules	10/pk
GF-01-NH	1/16" No-Hole 100% Graphite Ferrules	10/pk
HF-01-NH	1/16" No-Hole 100% Polyimide Ferrules	10/pk
GH-01-NH	1/16" No-Hole 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-01-NH	1/16" No-Hole 85% Polyimide / 15% Graphite Ferrules	10/pk
TF-01-NH	1/16" No-Hole PTFE Ferrules	10/pk
TF-01	1/16" PTFE Ferrules	10/pk
GF-30	1/16" X 0.3mm 100% Graphite Ferrules	10/pk
HF-13	1/16" X 0.3mm ID 100% Polyimide Ferrules	10/pk
GH-13	1/16" X 0.3mm ID 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-13	1/16" X 0.3mm ID 85% Polyimide / 15% Graphite Ferrules	10/pk
GF-04	1/16" X 0.4mm 100% Graphite Ferrules	10/pk

Part Number	Description	Units
GF-04-L	1/16" X 0.4mm 100% Graphite Ferrules LONG	10/pk
GF-04-HP	1/16" X 0.4mm 100% Graphite Short Ferrules fits Agilent GC	10/pk
HF-04	1/16" X 0.4mm 100% Polyimide Ferrules	10/pk
GF-14	1/16" X 0.4mm 2-Hole 100% Graphite Ferrules	10/pk
HF-14	1/16" X 0.4mm 2-Hole 100% Polyimide Ferrules	10/pk
TF-14	1/16" X 0.4mm 2-Hole PTFE Ferrules	10/pk
HF-04-HP	1/16" X 0.4mm ID 100% Polyimide Short Ferrules fits Agilent GC	10/pk
GH-14	1/16" X 0.4mm ID 2-Hole 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-14	1/16" X 0.4mm ID 2-Hole 85% Polyimide / 15% Graphite Ferrules	10/pk
GH-04	1/16" X 0.4mm ID 60% Polyimide / 40% Graphite Ferrules	10/pk
GH-04-HP	1/16" X 0.4mm ID 60% Polyimide / 40% Graphite Short Ferrules fits Agilent GC	10/pk
MS-04	1/16" X 0.4mm ID 85% Polyimide / 15% Graphite Ferrules	10/pk
MS-04-HP	1/16" X 0.4mm ID 85% Polyimide / 15% Graphite Short Ferrules fits Agilent GC	10/pk
TF-04	1/16" X 0.4mm PTFE Ferrules	10/pk
GF-05	1/16" X 0.5mm 100% Graphite Ferrules	10/pk
GF-05-L	1/16" X 0.5mm 100% Graphite Ferrules LONG	10/pk
GF-05-HP	1/16" x 0.5mm 100% Graphite Short Ferrules fits Agilent GC	10/pk
HF-05	1/16" X 0.5mm 100% Polyimide Ferrules	10/pk
GF-25	1/16" X 0.5mm 2-Hole 100% Graphite Ferrules	10/pk
HF-15	1/16" X 0.5mm 2-Hole 100% Polyimide Ferrules	10/pk
TF-15	1/16" X 0.5mm 2-Hole PTFE Ferrules	10/pk
HF-05-HP	1/16" X 0.5mm ID 100% Polyimide Short Ferrules fits Agilent GC	10/pk
GH-15	1/16" X 0.5mm ID 2-Hole 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-15	1/16" X 0.5mm ID 2-Hole 85% Polyimide / 15% Graphite Ferrules	10/pk
GH-05	1/16" X 0.5mm ID 60% Polyimide / 40% Graphite Ferrules	10/pk
GH-05-HP	1/16" X 0.5mm ID 60% Polyimide / 40% Graphite Short Ferrules fits Agilent GC	10/pk
MS-05	1/16" X 0.5mm ID 85% Polyimide / 15% Graphite Ferrules	10/pk
MS-05-HP	1/16" X 0.5mm ID 85% Polyimide / 15% Graphite Short Ferrules fits Agilent GC	10/pk
TF-05	1/16" X 0.5mm PTFE Ferrules	10/pk
GF-05-S	1/16" X 0.5mm Shimadzu 100% Graphite Ferrules	10/pk
GF-08	1/16" X 0.8mm 100% Graphite Ferrules	10/pk
GF-08-L	1/16" X 0.8mm 100% Graphite Ferrules LONG	10/pk
GF-08-HP	1/16" x 0.8mm 100% Graphite Short Ferrules fits Agilent GC	10/pk
HF-08	1/16" X 0.8mm 100% Polyimide Ferrules	10/pk
HF-08-HP	1/16" X 0.8mm 100% Polyimide Short Ferrules fits Agilent GC	10/pk
GH-08	1/16" X 0.8mm ID 60% Polyimide / 40% Graphite Ferrules	10/pk
GH-08-HP	1/16" X 0.8mm ID 60% Polyimide / 40% Graphite Short Ferrules fits Agilent GC	10/pk
MS-08	1/16" X 0.8mm ID 85% Polyimide / 15% Graphite Ferrules	10/pk
MS-08-HP	1/16" X 0.8mm ID 85% Polyimide / 15% Graphite Short Ferrules fits Agilent GC	10/pk
TF-08	1/16" X 0.8mm PTFE Ferrules	10/pk
GF-08-S	1/16" X 0.8mm Shimadzu 100% Graphite Ferrules	10/pk
GF-10	1/16" X 1.0mm 100% Graphite Ferrules	10/pk
GF-10-L	1/16" X 1.0mm 100% Graphite Ferrules LONG	10/pk
GF-10-HP	1/16" X 1.0mm 100% Graphite Short Ferrules fits Agilent GC	10/pk
HF-10	1/16" X 1.0mm 100% Polyimide Ferrules	10/pk
GH-10	1/16" X 1.0mm ID 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-10	1/16" X 1.0mm ID 85% Polyimide / 15% Graphite Ferrules	10/pk
MS-10-HP	1/16" X 1.0mm ID 85% Polyimide / 15% Graphite Short Ferrules	10/pk
TF-10	1/16" X 1.0mm PTFE Ferrules	10/pk
GF-12	1/16" X 1.2mm 100% Graphite Ferrules	10/pk
GF-12-L	1/16" X 1.2mm 100% Graphite Ferrules LONG	10/pk
HF-12	1/16" X 1.2mm 100% Polyimide Ferrules	10/pk
GH-12	1/16" X 1.2mm ID 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-12	1/16" X 1.2mm ID 85% Polyimide / 15% Graphite Ferrules	10/pk

Part Number	Description	Units
TF-12	1/16" X 1.2mm PTFE Ferrules	10/pk
GF-01-L	1/16" X 1/16" 100% Graphite Ferrules LONG	10/pk
GF-13	1/2" 100% Graphite Ferrules	10/pk
GF-13-NH	1/2" No-Hole 100% Graphite Ferrules	10/pk
GF-1218	1/2" OD x 1/8" ID 100% Reducing Graphite Ferrules	10/pk
TF-13	1/2" PTFE Ferrules	10/pk
GF-03	1/4" 100% Graphite Ferrules	10/pk
HF-03	1/4" 100% Polyimide Ferrules	10/pk
GH-03	1/4" 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-03	1/4" 85% Polyimide / 15% Graphite Ferrules	10/pk
GF-22	1/4" Double Taper 100% Graphite Ferrules	10/pk
GF-03-NH	1/4" No-Hole 100% Graphite Ferrules	10/pk
HF-03-NH	1/4" No-Hole 100% Polyimide Ferrules	10/pk
GH-03-NH	1/4" No-Hole 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-03-NH	1/4" No-Hole 85% Polyimide / 15% Graphite Ferrules	10/pk
TF-03-NH	1/4" No-Hole PTFE Ferrules	10/pk
TF-03	1/4" PTFE Ferrules	10/pk
GH-24	1/4" X 0.4mm ID 2-Hole 60% Polyimide / 40% Graphite Ferrules	10/pk
GH-44	1/4" X 0.4mm ID 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-44	1/4" X 0.4mm ID 85% Polyimide / 15% Graphite Ferrules	10/pk
GF-44	1/4" X 0.4mm Reducing 100% Graphite Ferrules	10/pk
HF-44	1/4" X 0.4mm Reducing 100% Polyimide Ferrules	10/pk
TF-44	1/4" X 0.4mm Reducing PTFE Ferrules	10/pk
GH-45	1/4" X 0.5mm ID 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-45	1/4" X 0.5mm ID 85% Polyimide / 15% Graphite Ferrules	10/pk
GF-45	1/4" X 0.5mm Reducing 100% Graphite Ferrules	10/pk
HF-45	1/4" X 0.5mm Reducing 100% Polyimide Ferrules	10/pk
TF-45	1/4" X 0.5mm Reducing PTFE Ferrules	10/pk
GH-84	1/4" X 0.8mm ID 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-84	1/4" X 0.8mm ID 85% Polyimide / 15% Graphite Ferrules	10/pk
GF-84	1/4" X 0.8mm Reducing 100% Graphite Ferrules	10/pk
HF-84	1/4" X 0.8mm Reducing 100% Polyimide Ferrules	10/pk
TF-84	1/4" X 0.8mm Reducing PTFE Ferrules	10/pk
GF-64	1/4" X 1/16" Reducing 100% Graphite Ferrules	10/pk
HF-64	1/4" X 1/16" Reducing 100% Polyimide Ferrules	10/pk
GH-64	1/4" X 1/16" Reducing 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-64	1/4" X 1/16" Reducing 85% Polyimide / 15% Graphite Ferrules	10/pk
TF-64	1/4" X 1/16" Reducing PTFE Ferrules	10/pk
GF-81	1/4" X 1/8" Reducing 100% Graphite Ferrules	10/pk
HF-81	1/4" X 1/8" Reducing 100% Polyimide Ferrules	10/pk
GH-81	1/4" X 1/8" Reducing 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-81	1/4" X 1/8" Reducing 85% Polyimide / 15% Graphite Ferrules	10/pk
TF-81	1/4" X 1/8" Reducing PTFE Ferrules	10/pk
TF-03-2.0MM	1/4" x 2.0mm PTFE Reducing Ferrules	10/pk
GF-46	1/4" X 3/16" Reducing 100% Graphite Ferrules	10/pk
HF-46	1/4" X 3/16" Reducing 100% Polyimide Ferrules	10/pk
GH-46	1/4" X 3/16" Reducing 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-46	1/4" X 3/16" Reducing 85% Polyimide / 15% Graphite Ferrules	10/pk
TF-46	1/4" X 3/16" Reducing PTFE Ferrules	10/pk
GH-40	1/4" X 4.0mm ID Reducing 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-40	1/4" X 4.0mm ID Reducing 85% Polyimide / 15% Graphite Ferrules	10/pk
GF-40	1/4" X 4.0mm Reducing 100% Graphite Ferrules	10/pk
HF-40	1/4" X 4.0mm Reducing 100% Polyimide Ferrules	10/pk
TF-40	1/4" X 4.0mm Reducing PTFE Ferrules	10/pk

Part Number	Description	Units
GF-60-CE	1/4" X 6.0mm 100% Graphite Ferrules Fits Carlo Erba	10/pk
GH-60	1/4" X 6.0mm ID Reducing 60% Polyimide / 40% Graphite Ferrules	10/pk
TF-6MM	1/4" x 6mm Reducing PTFE Ferrules	10/pk
GF-02	1/8" 100% Graphite Ferrules	10/pk
HF-02	1/8" 100% Polyimide Ferrules	10/pk
GH-02	1/8" 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-02	1/8" 85% Polyimide / 15% Graphite Ferrules	10/pk
GF-02-NH	1/8" No-Hole 100% Graphite Ferrules	10/pk
HF-02-NH	1/8" No-Hole 100% Polyimide Ferrules	10/pk
GH-02-NH	1/8" No-Hole 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-02-NH	1/8" No-Hole 85% Polyimide / 15% Graphite Ferrules	10/pk
TF-02-NH	1/8" No-Hole PTFE Ferrules	10/pk
TF-02	1/8" PTFE Ferrules	10/pk
GH-83	1/8" X 0.3mm ID 60% Polyimide / 40% Graphite Ferrules	10/pk
TF-02-3MM	1/8" X 0.3mm PTFE Reducing Ferrules	10/pk
GF-48	1/8" X 0.4mm 100% Graphite Ferrules	10/pk
MS-27	1/8" X 0.4mm ID 2-Hole 85% Polyimide / 15% Graphite Ferrules	10/pk
GH-48	1/8" X 0.4mm ID 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-48	1/8" X 0.4mm ID 85% Polyimide / 15% Graphite Ferrules	10/pk
HF-48	1/8" X 0.4mm Reducing 100% Polyimide Ferrules	10/pk
TF-48	1/8" X 0.4mm Reducing PTFE Ferrules	10/pk
GF-58	1/8" X 0.5mm 100% Graphite Ferrules	10/pk
GF-28	1/8" X 0.5mm 2-Hole 100% Graphite Ferrules	10/pk
HF-28	1/8" X 0.5mm 2-Hole 100% Polyimide Ferrules	10/pk
TF-28	1/8" X 0.5mm 2-Hole PTFE Ferrules	10/pk
GH-28	1/8" X 0.5mm ID 2-Hole 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-28	1/8" X 0.5mm ID 2-Hole 85% Polyimide / 15% Graphite Ferrules	10/pk
GH-58	1/8" X 0.5mm ID 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-58	1/8" X 0.5mm ID 85% Polyimide / 15% Graphite Ferrules	10/pk
HF-58	1/8" X 0.5mm Reducing 100% Polyimide Ferrules	10/pk
TF-58	1/8" X 0.5mm Reducing PTFE Ferrules	10/pk
GF-88	1/8" X 0.8mm 100% Graphite Ferrules	10/pk
GF-29	1/8" X 0.8mm 2-Hole 100% Graphite Ferrules	10/pk
HF-29	1/8" X 0.8mm 2-Hole 100% Polyimide Ferrules	10/pk
TF-29	1/8" X 0.8mm 2-Hole PTFE Ferrules	10/pk
GH-29	1/8" X 0.8mm ID 2-Hole 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-29	1/8" X 0.8mm ID 2-Hole 85% Polyimide / 15% Graphite Ferrules	10/pk
GH-88	1/8" X 0.8mm ID 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-88	1/8" X 0.8mm ID 85% Polyimide / 15% Graphite Ferrules	10/pk
HF-88	1/8" X 0.8mm Reducing 100% Polyimide Ferrules	10/pk
TF-88	1/8" X 0.8mm Reducing PTFE Ferrules	10/pk
GF-18	1/8" x 1.0mm 100% Graphite Ferrules	10/pk
GH-18	1/8" X 1.0mm ID 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-18	1/8" X 1.0mm ID 85% Polyimide / 15% Graphite Ferrules	10/pk
HF-18	1/8" X 1.0mm Reducing 100% Polyimide Ferrules	10/pk
TF-18	1/8" X 1.0mm Reducing PTFE Ferrules	10/pk
GH-38	1/8" X 1.2mm ID 60% Polyimide / 40% Graphite Ferrules	10/pk
MS-38	1/8" X 1.2mm ID 85% Polyimide / 15% Graphite Ferrules	10/pk
GF-38	1/8" X 1.2mm Reducing 100% Graphite Ferrules	10/pk
HF-38	1/8" X 1.2mm Reducing 100% Polyimide Ferrules	10/pk
TF-38	1/8" X 1.2mm Reducing PTFE Ferrules	10/pk
GF-68	1/8" X 1/16" Reducing 100% Graphite Ferrules	10/pk
HF-68	1/8" X 1/16" Reducing 100% Polyimide Ferrules	10/pk
GH-68	1/8" X 1/16" Reducing 60% Polyimide / 40% Graphite Ferrules	10/pk

Part Number	Description	Units
MS-68	1/8" X 1/16" Reducing 85% Polyimide / 15% Graphite Ferrules	10/pk
TF-68	1/8" X 1/16" Reducing PTFE Ferrules	10/pk
GF-10MM	10mm 100% Graphite Ferrules	10/pk
GF-12MM	12mm 100% Graphite Ferrules	10/pk
GF-316	3/16" 100% Graphite Ferrules	10/pk
TF-316	3/16" PTFE Ferrules	10/pk
GF-134	3/4" 100% Graphite Ferrules	2/pk
GF-134-10	3/4" 100% Graphite Ferrules	10/pk
GF-134-10-NH	3/4" No-Hole 100% Graphite Ferrules	10/pk
GF-138	3/8" 100% Graphite Ferrules	10/pk
GF-138-NH	3/8" No-Hole 100% Graphite Ferrules	10/pk
TF-138-NH	3/8" No-Hole PTFE Ferrules	10/pk
TF-138	3/8" PTFE Ferrules	10/pk
GF-50-S	5.0mm Shimadzu 100% Graphite Ferrules	10/pk
GF-6MM	6mm 100% Graphite Ferrules	10/pk
GF-8MM	8mm 100% Graphite Ferrules	10/pk

For any question, please contact us at info@imchem.fr or +33 9 72 32 10 17