



Superior
Products, LLC



TUBE TRAILER CONNECTIONS

This catalog of Compressed Gas Association (CGA) V-10, "High Pressure Tube Trailer Connections", offers connections manufactured in accordance with the CGA V-10 publication. All connections herein, are manufactured from copper alloy UNS-C36000, free machining brass (ASTM B16). These connections were qualified in accordance with CGA V-1, "Standard for Compressed Gas Cylinder Valve Outlet and Inlet Connections", using an acceptable sealing torque of 90/170 foot-pounds (122/230 Nm).

Reference to these CGA V-10 connection numbers should be made with applications going into tube trailer service.

Connections 1340 and 1350, 1"-11-1/2 NPS, right-hand and left-hand, are also commonly known as "manifold connections", and have been used in manifold construction for 50-years to segregate oxygen/inerts from flammables.

TUBE TRAILER CONNECTIONS

CGA V-10, Connection Number 1340

For Argon, Helium, Krypton, Neon, Nitrogen, Tetrafluoromethane (R14), and Xenon



ADAPTOR



NUT



PLUG ASSEMBLY



NIPPLE

Part #	Description
GMF-3331	Adaptor, 1"-11-1/2 NPS, RH Ext. x 3/8 NPT Ext. x 3.125" Long
GMF-3333	Adaptor w/ filter, 1"-11-1/2 NPS, RH Ext. x 3/8 NPT Ext. x 3.125" Long
GMF-3332	Adaptor, 1"-11-1/2 NPS, RH Ext. x 1/2 NPT Ext. x 2.187" Long
GMF-3334	Adaptor w/ filter, 1"-11-1/2 NPS, RH Ext. x 1/2 NPT Ext. x 2.187" Long
GMF-6332	Adaptor, 1"-11-1/2 NPS, RH Ext. x 3/4 NPT Ext. x 2.187" Long
GMF-6334	Adaptor w/ filter, 1"-11-1/2 NPS, RH Ext. x 3/4 NPT Ext. x 2.187" Long

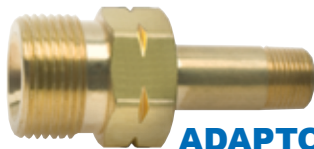
Part #	Description
GMF-3311	Nut, 1"-11-1/2 NPS, RH Int.

Part #	Description
GMA-RH-PLUG	Plug assembly, 1"-11-1/2 NPS, RH Int.

Part #	Description
GMF-3321	Nipple, 3/8" NPT Ext. x 2.40" Long
GMF-3326	Nipple, 1/2" NPT Ext. x 2.94" Long
GMF-3328	Nipple 1/2 Pipe Slip x 2.20" Long

CGA V-10, Connection Number 1350

For Ethane (R170), Ethylene (R1150), Hydrogen, Methane (R50), Natural Gas



ADAPTOR



NUT



PLUG ASSEMBLY



NIPPLE

Part #	Description
GMF-3335	Adaptor, 1"-11-1/2 NPS, LH Ext. x 3/8 NPT Ext. x 3.125" Long
GMF-3337	Adaptor w/ filter, 1"-11-1/2 NPS, LH Ext. x 3/8 NPT Ext. x 3.125" Long
GMF-3336	Adaptor, 1"-11-1/2 NPS, LH Ext. x 1/2 NPT Ext. x 2.187" Long
GMF-3338	Adaptor w/ filter, 1"-11-1/2 NPS, LH Ext. x 1/2 NPT Ext. x 2.187" Long
GMF-6336	Adaptor, 1"-11-1/2 NPS, LH Ext. x 3/4 NPT Ext. x 2.187" Long
GMF-6338	Adaptor w/ filter, 1"-11-1/2 NPS, LH Ext. x 3/4 NPT Ext. x 2.187" Long

Part #	Description
GMF-3312	Nut, 1"-11-1/2 NPS, LH Int.

Part #	Description
GMA-LH-PLUG	Plug assembly, 1"-11-1/2 NPS, LH Int.

Part #	Description
GMF-3321	Nipple, 3/8" NPT Ext. x 2.40" Long
GMF-3326	Nipple, 1/2" NPT Ext. x 2.94" Long
GMF-3328	Nipple 1/2 Pipe Slip x 2.20" Long



TUBE TRAILER CONNECTIONS

CGA V-10, Connection Number 1440

For pressure up to 3500 PSI (24130 KPA) at 70 F (21.1C)
For Breathing Air



Part #	Description
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GMF-3363	Adaptor, 1.438"-12 UN, RH Ext. x 1/2 NPT Ext. x 2.187" Long
GMF-3364	Adaptor w/ filter, 1.438"-12 UN, RH Ext. x 1/2 NPT Ext. x 2.187" Long
GMF-6363	Adaptor, 1.438"-12 UN, RH Ext. x 3/4 NPT Ext. x 2.187" Long
GMF-6364	Adaptor w/filter, 1.438"-12 UN, RH Ext. x 3/4 NPT Ext. x 2.187" Long

Part #	Description
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GMF-3313	Nut, 1.438"-12 UN, RH Ext.
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Part #	Description
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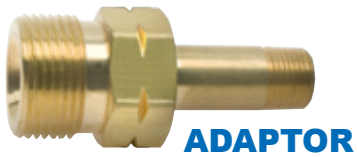
GMA-1440-PLUG	Plug assembly, 1.438"-12 UN, RH Ext.
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Part #	Description
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GMF-3321	Nipple, 3/8" NPT Ext. x 2.40" Long
GMF-3326	Nipple, 1/2" NPT Ext. x 2.94" Long
GMF-3328	Nipple 1/2 Pipe Slip x 2.20" Long

CGA V-10, Connection Number 1450

For pressure up to 3500 PSI (24130 KPA) at 70 F (21.1C)
For Air (Non-Breathing Air)



Part #	Description
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GMF-3373	Adaptor, 1.438"-12 UN, LH Ext. x 1/2 NPT Ext. x 2.187" Long
GMF-3374	Adaptor w/ filter, 1.438"-12 UN, LH Ext. x 1/2 NPT Ext. x 2.187" Long
GMF-6373	Adaptor, 1.438"-12 UN, LH Ext. x 3/4 NPT Ext. x 2.187" Long
GMF-6374	Adaptor w/filter, 1.438"-12 UN, LH Ext. x 3/4 NPT Ext. x 2.187" Long

Part #	Description
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GMF-3314	Nut, 1.438"-12 UN, LH Ext.
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Part #	Description
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GMA-1450-PLUG	Plug assembly, 1.438"-12 UN, LH Ext.
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Part #	Description
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GMF-3321	Nipple, 3/8" NPT Ext. x 2.40" Long
GMF-3326	Nipple, 1/2" NPT Ext. x 2.94" Long
GMF-3328	Nipple 1/2 Pipe Slip x 2.20" Long

Part #	Description
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GMF-3341	Replacement Filter
GMF-3342	Replacement Retaining Ring

TUBE TRAILER CONNECTIONS

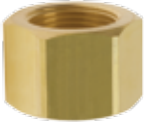
CGA V-10, Connection Number 1540

*For pressure up to 3000 PSI (20680 KPA) at 70 F (21.1C)
For Oxygen*



ADAPTOR

NUT



PLUG ASSEMBLY



NIPPLE



Part #	Description
GMF-3383	Adaptor, 1.25"-11-1/2 NPS, RH Ext. x 1/2 NPT Ext. x 2.187" Long
GMF-3384	Adaptor w/ filter, 1.25"-11-1/2 NPS, RH Ext. x 1/2 NPT Ext. x 2.187" Long
GMF-6383	Adaptor, 1.25"-11-1/2 NPS, RH Ext. x 3/4 NPT Ext. x 2.187" Long
GMF-6384	Adaptor w/ filter, 1.25"-11-1/2 NPS, RH Ext. x 3/4 NPT Ext. x 2.187" Long

Part #	Description
GMF-3315	Nut, 1.25"-11-1/2 NPS, RH Ext.

Part #	Description
GMA-1540-PLUG	Plug assembly, 1.25"-11-1/2 NPS, RH Ext.

Part #	Description
GMF-3321	Nipple, 3/8" NPT Ext. x 2.40" Long
GMF-3326	Nipple, 1/2" NPT Ext. x 2.94" Long
GMF-3328	Nipple 1/2 Pipe Slip x 2.20" Long

CGA V-10, Connection Number 1550

*For pressure up to 3500 PSI (24130 KPA) at 70 F (21.1C)
For Carbon Monoxide*



ADAPTOR

NUT



PLUG ASSEMBLY



NIPPLE



Part #	Description
GMF-3393	Adaptor, 1.25"-11-1/2 NPS, LH Ext. x 1/2 NPT Ext. x 2.187" Long
GMF-3394	Adaptor w/ filter, 1.25"-11-1/2 NPS, LH Ext. x 1/2 NPT Ext. x 2.187" Long
GMF-6393	Adaptor, 1.25"-11-1/2 NPS, LH Ext. x 3/4 NPT Ext. x 2.187" Long
GMF-6394	Adaptor w/ filter, 1.25"-11-1/2 NPS, LH Ext. x 3/4 NPT Ext. x 2.187" Long

Part #	Description
GMF-3316	Nut, 1.25"-11-1/2 NPS, LH Ext.

Part #	Description
GMA-1550-PLUG	Plug assembly, 1.25"-11-1/2 NPS, LH Ext.

Part #	Description
GMF-3321	Nipple, 3/8" NPT Ext. x 2.40" Long
GMF-3326	Nipple, 1/2" NPT Ext. x 2.94" Long
GMF-3328	Nipple 1/2 Pipe Slip x 2.20" Long

For the complete line of Industrial Fittings please request catalog #17B
or visit www.superiorprod.com



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