

CRYOGENIC HOSES SAE FLARE CONNECTIONS

CRYOGENIC TRANSFER HOSES

For Oxygen, Nitrogen, Carbon Dioxide, Nitrous Oxide and Argon Cryogenic Liquids


- Use in cryo-biological and medical systems, and gas filling plants
- Constructed with 316 stainless steel for all wetted parts
- Machined CGA Stainless Steel end connections
- Cleaned for oxygen service
- Hoses meet all applicable FDA and CGA Guidelines
- Exceptional flexibility, hose resists kinking
- 1/2" ID

ACCESSORIES

- 90° stainless steel elbow extends hose life
- Phase separator speeds filling and controls splashing


PART NO.	DESCRIPTION	SERVICE
Oxygen Hose Assembly:		CGA-440
WMH-2-9	48"	
WMH-2-10	60"	
WMH-2-11	72"	
WMH-2-12	120"	
WMH-2-13	144"	
Nitrogen, Argon Hose Assembly:		CGA-295
WMH-2-14	48"	
WMH-2-15	60"	
WMH-2-16	72"	
WMH-2-17	120"	
WMH-2-18	144"	
F-61	Oxygen, SS Cylinder Fill Elbow 90°	CGA-440
F-63	Nitrogen, Argon, SS Cylinder Fill Elbow 90°	CGA-295
F-62*	Phase Separator, 3/8" NPT F x 2 1/2" Long	-

TRANSFER HOSE, CRYOGENIC
Pressures to 500 PSIG (3400 kPa)



*To attach to Transfer Hose Assembly, use F-32 for CGA-295 or F-42 for CGA-440

PART NO.	DESCRIPTION	PART	SERVICE	SAE FLARE
BRASS SAE FLARE TUBING CONNECTIONS				
Pressures to 500 PSIG (3400 kPa)				
F-10	.4375"-20 UNF-2B, RH F	Nut	CGA-165	1/4"
F-11	CGA-165 to 1/8" NPT M	Adaptor		1/4"
F-12	CGA-165 to 1/4" NPT M	Adaptor		1/4"
F-20	.625"-18 UNF-2B, RH F	Nut	CGA-182	3/8"
F-22	CGA-182 to 1/4" NPT M	Adaptor		3/8"
F-30	.750"-16 UNF-2B, RH F	Nut	CGA-295	1/2"
F-31	CGA-295 to 1/4" NPT M	Adaptor		1/2"
F-32	CGA-295 to 3/8" NPT M	Adaptor		1/2"
F-33	CGA-295 To 1/2" NPT M	Adaptor		1/2"
F-40	.875"-14 UNF-2B, RH F	Nut	CGA-440	5/8"
F-41	CGA-440 to 1/4" NPT M	Adaptor		5/8"
F-42	CGA-440 to 3/8" NPT M	Adaptor		5/8"
F-43	CGA-440 to 1/2" NPT M	Adaptor		5/8"
F-44	CGA-440 to 3/4" NPT M	Adaptor		5/8"



CGA 622 SERIES FITTINGS

PART NO.	DESCRIPTION	SERVICE
Pressures to 500 PSIG (3400 kPa)		
Carbon Dioxide (R-744)		
CGA-622		
622-2	Nut, Stamped CGA 622	
622-3	Nipple, CGA 622 x 1/4" NPT	
F-51	Adaptor, CGA 622 x 1/4" NPT	
F-52	Adaptor, CGA 622 x 3/8" NPT	
F-53	Adaptor, CGA 622 x 1/2" NPT	
WMH-2-29	Hose Assembly, CGA 622, 48"	
WMH-2-30	Hose Assembly, CGA 622, 60"	
WMH-2-31	Hose Assembly, CGA 622, 72"	
WMH-2-32	Hose Assembly, CGA 622, 120"	
WMH-2-33	Hose Assembly, CGA 622, 144"	

CGA 624 SERIES FITTINGS

PART NO.	DESCRIPTION	SERVICE
Pressures to 500 PSIG (3400 kPa)		
Nitrous Oxide (R-744a)		
CGA-624		
624-2	Nut, Stamped CGA 624	
624-3	Nipple, CGA 624 x 1/4" NPT	
F-71	Adaptor, CGA 624 x 1/4" NPT	
F-72	Adaptor, CGA 624 x 3/8" NPT	
F-73	Adaptor, CGA 624 x 1/2" NPT	
WMH-2-34	Hose Assembly, CGA 624, 48"	
WMH-2-35	Hose Assembly, CGA 624, 60"	
WMH-2-36	Hose Assembly, CGA 624, 72"	
WMH-2-37	Hose Assembly, CGA 624, 120"	
WMH-2-38	Hose Assembly, CGA 624, 144"	