



CERTIFICATION RECORD

The company named below has been authorized by CSA International to represent the products listed in this record as “CSA Certified” and to affix the CSA Mark to these products according to the terms and conditions of the CSA Service Agreement and applicable CSA program requirements (including additional Markings).

File No: 112236_0_000
Class No: 3313 02 HOSES (GAS) Compressed Natural Gas

SUBMITTOR

4515392 Parker Hannifin Corporation
1300 N Freedom St
Ravenna, Ohio 44266
United States

FACTORIES

6022193 Motion Flow Control Products (MFCP)
1772 Prairie Way Unit F
Louisville, Colorado
United States

Updated: February 16, 2024

Model(s)	Max. Allowable Working Pressure (PSI)	Size (Inches)
5CNG(SC)-4(-BLK)*	5000	(I.D.) 1/4
5CNG(SC)-6(-BLK)*	5000	(I.D.) 3/8
5CNG(SC)-8(-BLK)*	5000	(I.D.) 1/2
5CNG(SC)-16(-BLK)*	5000	(I.D.) 1

* For operation at ambient temperature of -40°F to 185°F.

** For operation at ambient temperature of -70°F to 185°F.

† For vent line applications only.

CLASS A		CLASS D	CLASS B	Fitting Code / Connection Description	
In-Line fill SUPPLY	In-Line Fill VENT	Dispenser OTHER	Vehicle		
JIC 37° Flare Connections					
-	-	-4 thru -16	-	L7	Female JIC 37° - Swivel - 45° Elbow – Medium Drop
-	-	-4 thru -16	-	L9	Female JIC 37° - Swivel - 90° Elbow – Medium Drop
-8 thru -12	-4 thru -12	-4 thru -16	-8C	03	Male JIC 37° - Rigid – Straight
-4 thru 16	-4 thru -12	-4 thru -16	-8C	06	Female JIC 37° - Swivel – Straight
-	-	-4 thru -16	-	3E	Male JIC 37° - Rigid Bulkhead without Locknut - Straight
-	-	-4 thru -16	-	37	Female JIC 37° - Swivel - 45° Elbow – Short Drop
-	-	-4 thru -16	-	39	Female JIC 37° - Swivel - 90° Elbow – Short Drop
-	-	-4 thru -16	-	41	Female JIC 37° - Swivel - 90° Elbow – Long Drop
Seal-Lok O-ring Face Seal Connections					
-	-	-4 thru -16	-	JB	Male Seal-Lok – Bulkhead w/o Locknut – Straight (with O-Ring)
-4 thru -16	-4 thru -16	-4 thru -16	-8C	JC	Female Seal-Lok – Swivel – Straight – Short
-4 thru -16	-4 thru -16	-4 thru -16	-8C	JS	Female Seal-Lok – Swivel – Straight – Long
-4 thru -16	-4 thru -16	-4 thru -16	-8C	J0	Male Seal-Lok – Rigid - Straight (with O-Ring)
-	-	-4 thru -16	-	J1	Female Seal-Lok – Swivel – 90° Elbow – Long Drop
-	-	-4 thru -16	-	J7	Female Seal-Lok – Swivel – 45° Elbow
-	-	-4 thru -16	-	J9	Female Seal-Lok – Swivel – 90° Elbow – Short Drop
Tube Stub / Compression Connections					

-8 thru -16	-4 thru -16	-4 thru -16	-8C	AL	Female A-Lok – Swivel – Straight
-8 thru -16	-4 thru -16	-4 thru -16	-8C	P6	Female CPI – Swivel – Straight
-12 thru -16	-4 thru -16	-4 thru -16	-8C	TU	Male A-Lok Standpipe (A-Lok nut and ferrules are preset for testing purposes, CPI available on request)
Pipe Thread / SAE Connections					
-4 thru -16	-2 thru -16	-4 thru -16	-	01	Male NPTF Pipe – Rigid – Straight
-4 thru -8	-2 thru -8	-4 thru -16	-	02	Female NPTF Pipe – Rigid – Straight
-4 thru -12	-4 thru -12	-4 thru -16	-	05	Male SAE Straight Thread with O-Ring – Rigid – Straight
BSPP Connections					
-4, -6, -8	-4, -6, -8	-4, -6, -8	-	92	Female BSPP – Swivel – Straight

To the requirements of
CSA/AM CSA/ANSI NGV 4.2:14 (R2019)/CSA 12.52:14 (R 2018) (Second Edition)

Model(s)	Max. Allowable Working Pressure (PSI)	Size (Inches)
5CNG-3(-BLK)*	5000	(I.D.) 3/16
5CNG(SC)-4(-BLK)*	5000	(I.D.) 1/4
5CNG(SC)-6(-BLK)*	5000	(I.D.) 3/8
5CNG(SC)-8(-BLK)*	5000	(I.D.) 1/2
5CNG-12(-BLK)*, 5CNGLT-12**	5000	(I.D.) 3/4
5CNG(SC)-16(-BLK)*	5000	(I.D.) 1
520N-4* Æ	5000	(I.D.) 1/4

- * For operation at ambient temperatures of -40° F to 185° F.
 - ** For operation at ambient temperatures of -70° F to 185° F.
- † For vent line applications only.

All hoses approved for in-line dispenser, single or twin line with integral vent, are supplied with permanent fittings having (01) (02) (03) (05) (06) (AL) (J0) (JC) (JS) (P6) or (TU) end configurations. The ends of the CNG supply lines are equipped with spring guards (for sizes -8 and below) or strain relief guards. All fitting styles are per the tables in PFS-ES17, PFS-ES17-BLK, or PFS-ES17SC (Att. 3 End Fittings Drawings pages 6, 7, and 8).

(Table from PFS-ES17)

