

4113CT Permanent



4113CT Cold Temperature Hose Permanent Fitting aviation fueling hose recommended for all types of riser deck, reel, and hydrant hose applications.

- Used for commercial and private aircraft
- Resistant to jet fuel and higher aromatic aviation gasolines
- Compatible with use on hydrant service
- Meets EI 1529, 7th Edition, 2014 and European Standard EN ISO 1825 (2011), Type CT, Grade 2, NPFA 407 and MIL-DTL-6615G
- Operating temperature -67°F to +158°F (-55°C to +70°C)
- Recommended for all types of riser deck, reel, and hydrant hose applications
- All aviation hose assemblies are 100% hydrostatic tested to 600 PSI and inspected for electrical continuity
- Every hose receives a unique serial number and test certificate



Specifying Information

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
1" HOSES		
CP160024CABA	1" x 2' HEW 4113CT MM NPT BR NR	1.24 (0.6)
CP160180CABA	1" x 15' HEW 4113CT MM NPT BR NR	10.0 (4.5)
CP160360CABA	1" x 30' HEW 4113CT MM NPT BR NR	20.0 (9.1)
CP160420CABA	1" x 35' HEW 4113CT MM NPT BR NR	23.0 (10.5)
CP160472CABA	1" x 39' 4" HEW 4113CT MM NPT BR NR	25.0 (11.3)
CP160480CABA	1" x 40' HEW 4113CT MM NPT BR NR	26.0 (11.8)
CP160588CABA	1" x 49' HEW 4113CT MM NPT BR NR	30.4 (13.8)
CP160600CABA	1" x 50' HEW 4113CT MM NPT BR NR	32.0 (14.5)
CP160720CABA	1" x 60' HEW 4113CT MM NPT BR NR	38.0 (17.3)
CP160792CABA	1" x 66' HEW 4113CT MM NPT BR NR	42.0 (19.1)
CP160900CABA	1" x 75' HEW 4113CT MM NPT BR NR	48.0 (21.8)
CP160960CABA	1" x 80' HEW 4113CT MM NPT BR NR	51.0 (23.1)
CP161080CABA	1" x 90' HEW 4113CT MM NPT BR NR	57.0 (25.9)
CP161200CABA	1" x 100' HEW 4113CT MM NPT BR NR	63.0 (28.6)
CP161380CABA	1" x 115' HEW 4113CT MM NPT BR NR	71.3 (32.4)
CP161560CABA	1" x 130' HEW 4113CT MM NPT BR NR	80.6 (36.6)
1 1/4" HOSES		
CP200600CABA	1 1/4" x 50' HEW 4113CT MM NPT BR NR	42.0 (19.1)
CP200660CABA	1 1/4" x 55' HEW 4113CT MM NPT BR NR	45.0 (20.1)
CP200792CABA	1 1/4" x 66' HEW 4113CT MM NPT BR NR	54.0 (24.5)
CP200840CBBA	1 1/4" x 70' HEW 4113CT MF NPT BR NR	57.0 (25.9)
CP200900CABA	1 1/4" x 75' HEW 4113CT MM NPT BR NR	61.0 (27.8)
CP201176CABA	1 1/4" x 98' HEW 4113CT MM NPT BR NR	77.4 (35.2)
CP201200CBBA	1 1/4" x 100' HEW 4113CT MF NPT BR NR	81.0 (36.8)
CP201200CABA	1 1/4" x 100' HEW 4113CT MM NPT BR NR	81.0 (36.8)
1 1/2" HOSES		
CP240024CABA	1 1/2" x 2' HEW 4113CT MM NPT BR NR	1.7 (0.8)
CP240108CABA	1 1/2" x 9' HEW 4113CT MM NPT BR NR	11.0 (5.0)
CP240120CABA	1 1/2" x 10' HEW 4113CT MM NPT BR NR	12.0 (5.5)
CP240600CABA	1 1/2" x 50' HEW 4113CT MM NPT BR NR	51.0 (23.2)
CP240720CABA	1 1/2" x 60' HEW 4113CT MM NPT BR NR	61.0 (27.8)
CP240780CBBA	1 1/2" x 65' HEW 4113CT MF NPT BR NR	66.0 (30.0)
CP240792CABA	1 1/2" x 66' HEW 4113CT MM NPT BR NR	67.0 (30.5)
CP240840CABA	1 1/2" x 70' HEW 4113CT MM NPT BR NR	71.0 (32.3)
CP240900CABA	1 1/2" x 75' HEW 4113CT MM NPT BR NR	76.0 (34.5)
CP241020CABA	1 1/2" x 85' HEW 4113CT MM NPT BR NR	85.0 (38.6)
CP241200CABA	1 1/2" x 100' HEW 4113CT MM NPT BR NR	100.0 (45.5)
CP241200CBBA	1 1/2" x 100' HEW 4113CT MF NPT BR NR	100.0 (45.5)

MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
CP240420CABA	1 1/2" x 35' HEW 4113CT MM NPT BR NR	36.0 (16.4)
CP240684CABA	1 1/2" x 57' HEW 4113CT MM NPT BR NR	49.0 (22.3)
CP240780CABA	1 1/2" x 65' HEW 4113CT MM NPT BR NR	66.0 (30.0)
CP241368CABA	1 1/2" x 114' HEW 4113CT MM NPT BR NR	98.0 (44.5)
CP241800CABA	1 1/2" x 150' HEW 4113CT MM NPT BR NR	129.0 (58.6)
2" HOSES		
CP320120CABA	2" x 10' HEW 4113CT MM NPT BR NR	16.0 (7.3)
CP320134CABA	2" x 11.17' HEW 4113CT MM NPT BR NR	13.4 (6.1)
CP320144CABA	2" x 12' HEW 4113CT MM NPT BR NR	19.0 (8.6)
CP320180CABA	2" x 15' HEW 4113CT MM NPT BR NR	23.0 (10.5)
CP320197CABA	2" x 16' 5" HEW 4113CT MM NPT BR NR	24.0 (10.9)
CP320216CABA	2" x 18' HEW 4113CT MM NPT BR NR	26.0 (11.8)
CP320240CABA	2" x 20' HEW 4113CT MM NPT BR NR	29.0 (13.2)
CP320420CABA	2" x 35' HEW 4113CT MM NPT BR NR	49.0 (22.3)
CP320480CABA	2" x 40' HEW 4113CT MM NPT BR NR	55.0 (25.0)
CP320564CABA	2" x 47' HEW 4113CT MM NPT BR NR	56.4 (25.6)
CP320600CABA	2" x 50' HEW 4113CT MM NPT BR NR	68.0 (30.9)
CP320600CBBA	2" x 50' HEW 4113CT MF NPT BR NR	68.0 (30.9)
CP320684CABA	2" x 57' HEW 4113CT MM NPT BR NR	68.4 (31.1)
CP320720CABA	2" x 60' HEW 4113CT MM NPT BR NR	81.0 (36.8)
CP320792CABA	2" x 66' HEW 4113CT MM NPT BR NR	89.0 (40.5)
CP320900CABA	2" x 75' HEW 4113CT MM NPT BR NR	101.0 (45.9)
2 1/2" HOSES		
CP400096CABA	2 1/2" x 8' HEW 4113CT MM NPT BR NR	19.0 (8.6)
CP400108CABA	2 1/2" x 9' HEW 4113CT MM NPT BR NR	20.0 (9.1)
CP400120CBBA	2 1/2" x 10' HEW 4113CT MF NPT BR NR	22.0 (10.0)
CP400120CABA	2 1/2" x 10' HEW 4113CT MM NPT BR NR	22.0 (10.0)
CP400144CABA	2 1/2" x 12' HEW 4113CT MM NPT BR NR	25.0 (11.4)
CP400156CABA	2 1/2" x 13' HEW 4113CT MM NPT BR NR	27.0 (12.3)
CP400192CABA	2 1/2" x 16' HEW 4113CT MM NPT BR NR	32.0 (14.5)
CP400197CABA	2 1/2" x 16' 5" HEW 4113CT MM NPT BR NR	33.0 (15.0)
CP400420CABA	2 1/2" x 35' HEW 4113CT MM NPT BR NR	64.0 (29.1)
CP400480CABA	2 1/2" x 40' HEW 4113CT MM NPT BR NR	73.0 (33.2)
CP400600CBBA	2 1/2" x 50' HEW 4113CT MF NPT BR NR	90.0 (40.9)
CP400600CABA	2 1/2" x 50' HEW 4113CT MM NPT BR NR	90.0 (40.9)
CP400660CABA	2 1/2" x 55' HEW 4113CT MM NPT BR NR	98.0 (44.5)
CP400720CABA	2 1/2" x 60' HEW 4113CT MM NPT BR NR	106.0 (48.2)
CP400084CABA	2 1/2" x 7' HEW 4113CT MM NPT BR NR	17.0 (7.7)
CP400118CABA	2 1/2" x 9' 3" HEW 4113CT MM NPT BR NR	20.0 (9.1)



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



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MODEL NO.	DESCRIPTION	SHIPPING WEIGHT LBS (KG)
CP400132CABA	2 ¹ / ₂ " x 11' HEW 4113CT MM NPT BR NR	34.0 (15.5)
CP400180CABA	2 ¹ / ₂ " x 15' HEW 4113CT MM NPT BR NR	30.0 (13.6)
CP400240CABA	2 ¹ / ₂ " x 20' HEW 4113CT MM NPT BR NR	39.0 (17.7)
CP400684CABA	2 ¹ / ₂ " x 57' HEW 4113CT MM NPT BR NR	100.0 (45.5)
CP401200CBBA	2 ¹ / ₂ " x 100' HEW 4113CT MF NPT BR NR	174.0 (79.1)
3" HOSES		
CP480096CABA	3" x 8' HEW 4113CT MM NPT BR NR	28.0 (12.7)
CP480108CABA	3" x 9' HEW 4113CT MM NPT BR NR	31.0 (14.1)
CP480120CABA	3" x 10' HEW 4113CT MM NPT BR NR	34.0 (15.5)
CP480132CABA	3" x 11' HEW 4113CT MM NPT BR NR	36.0 (16.4)
CP480144CABA	3" x 12' HEW 4113CT MM NPT BR NR	39.0 (17.7)
CP480168CABA	3" x 14' HEW 4113CT MM NPT BR NR	44.0 (20.0)
CP480180CABA	3" x 15' HEW 4113CT MM NPT BR NR	46.0 (20.9)
CP480240CABA	3" x 20' HEW 4113CT MM NPT BR NR	59.0 (26.8)
CP480360CBBA	3" x 30' HEW 4113CT MF NPT BR NR	85.0 (38.6)
CP480600CBBA	3" x 50 FT HEW 4113CT MF NPT BR NR	136.0 (61.8)
CP480600CABA	3" x 50' HEW 4113CT MM NPT BR NR	136.0 (61.8)
CP480720CABA	3" x 60' HEW 4113CT MM NPT BR NR	162.0 (73.6)

Construction

Tube	Black nitrile synthetic rubber
Cover	Black neoprene static dissipating/static conductive synthetic rubber (wrapped finish)
Reinforcement	Spiral-plyed (4) synthetic fabric and one nylon breaker
Couplings	Permanent brass internally expanded fittings - male and female NPT (swivel nut) Reusable 4-bolt aluminum clamp fittings - male and female, NPT and BSP threads - all females have swivel nuts - available with brass, tin plated brass, and stainless inserts

Technical Data for 4113CT Cold Temperature Fueling Hose

Size	ID		NOM OD		MAX WP		WEIGHT	
	MM	IN	MM	PSI	MPA	LB/FT	KG/M	
1"	25	1.457	37	300	2.07	0.54	0.80	
1 ¹ / ₄ "	32	1.732	44	300	2.07	0.67	1.00	
1 ¹ / ₂ "	38	2.008	51	300	2.07	0.81	1.20	
2"	50	2.598	66	300	2.07	1.28	1.90	
2 ¹ / ₂ "	63	3.110	79	300	2.07	1.61	2.40	
3"	75	3.583	91	300	2.07	1.88	2.80	

Couplings

Permanent Brass	Internally expanded fittings (standard for 1" and 3" ID) - male NPT and female NPS (swivel nut)
Crimped on Stainless	Male NPT (zinc-plated ferrules) standard for 4" ID hose assemblies. Internally expanded brass male NPT and NPS are also available.
Reusable 4-Bolt	Aluminum clamp fittings - male and female, NPT and BSP threads - all females have swivel nuts - available with brass, tin-plated brass and stainless inserts.

Protective Coils

9746	2" Banding Coil, White
9744	3" Banding Coil, White
9774	4" Banding Coil, White

Order Guide (Ex. CP320600CABA)

AVIATION HOSE SIZE - CPSS

3/4" = CP12	2" = CP32
1" = CP16	2 ¹ / ₂ " = CP40
1 ¹ / ₄ " = CP20	3" = CP48
1 ¹ / ₂ " = CP24	4" = CP64

HOSE LENGTH (IN INCHES) - LLLL

0600 = 50 feet 0 inches
0606 = 50 feet 6 inches

AVIATION HOSE - H, C OR J

H = 4113 Aviation Hose
C = 4113CT Cold Temp
J = 5500 JacRiser Hose

FITTING STYLE - S

A = Male x Male NPT Not Reusable
B = Male x Female NPT not Reusable
C = Female x Female NPT Not Reusable
D = Male x Male NPT Reusable
E = Male x Female NPT Reusable
F = Female x Female NPT Reusable
J = Male x Male BSP Reusable
K = Male x Female BSP Reusable
L = Female x Female BSP Reusable
S = Special (See Note 1)

FITTING BRAND - F

A = Internal Expansion Permanent (stainless steel only)
B = Dixon/UMI Internal Expansion (Permanent (Brass Insert))
D = Dixon Swaged
E = Dixon Reusable
F = Elaflex Resuable
G = Roman Seliger Reusable

INSERT MATERIAL - M

A = Brass
B = Stainless Steel
D = Tin-Plated Brass
F = Carbon Steel

OVERALL LENGTH - O

For all sizes except CP64, if "0" is present, LLLL = OAL
For CP64 only, if blank, LLLL = OAL
For CP64 only, if "C" present, LLLL = Cut Length



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MADE IN THE U.S.A.