# **Contact OPW for Alternative Hose Configurations**



OPW CNG Hose Assemblies are designed for dispensing compressed natural gas at working pressures to 5000 psi. Constructed of high-strength conductive polymer core tubing to dissipate static charge, all OPW hose assemblies conform to NFPA 52 and AGA/CGA, ANSI NGV 4.2.

## **Features**

- Quality Construction high-strength, reinforced synthetic fiber braid, electrically conductive polymer core tubing dissipates static electrical buildup while protecting the hose from wear and tear with an abrasion-resistant polymer cover.
- Quality Tested All hoses conform to CSA 12.52. Hose assemblies are leak-proof tested and conductively tested. All hose assemblies conform to NFPA 52 and AGA/CGA, ANSI NGV 4.2.
- Available In Standard NGV-1 and Heavy-Duty Dual Hose Sizes

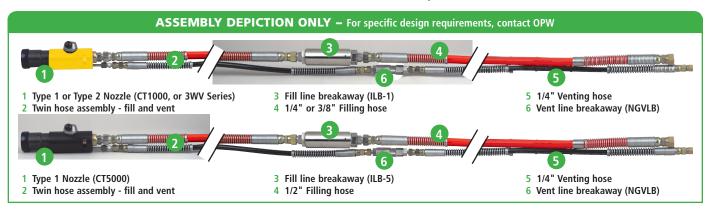
# Materials



- Hose Assemblies Complete With Filling Line, Vent Line Breakaways, and Nozzles - Dispenser thread-ready and fully tested kits available for all Type 1, Type 2 and high-flow nozzle applications.
- Custom Lengths, Fittings and Sizes Available Please forward specific design requirements to OPW.

# **Specifications:**

Temperature Range: -40° F to 185° F (-40° C to 85° C) MAWP: 5000 psi (345 Bar)



#### **Ordering Specifications:** Contact OPW for Alternate Configurations NOTE: All hoses have a Maximum Allowable Working Pressure of 5000 PSI / 345 BAR

## **Listings and Certifications:**

See page 33 for component listings & certifications

Product	Item Description: Replacement	Dispenser Connection	Dispenser Connection	Hose Cross Reference
# Hoses	hose only. Fittings NOT included	Fill Hose	Vent Hose	
42034	2' WHIP HOSE (3/8" FILL, 1/4" VENT)	SAE (JIC) 37 DEGREE SWIVEL 3/4" -16 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	LDCNGHOSE-11, LDCNGHOSE-11W
42035	10' MAIN HOSE (3/8" FILL, 1/4" VENT)	N/A	N/A	CNGHOSE122, LDCNGHOSE-20TF
204356	2' WHIP HOSE (1/2" FILL, 1/4" VENT)	SAE (JIC) 37 DEGREE SWIVEL 7/8" -14 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 9/16" -18 FEMALE THREAD	HDCNGHOSE-11
204357	11' MAIN HOSE (1/2" FILL, 1/4" VENT)	N/A	N/A	CNGHOSE5
207173	8.3' MAIN HOSE (3/8" FILL, 1/4" VENT)	N/A	N/A	LDCNGHOSE-11, LDCNGHOSE-11FLB
207174	8.3' MAIN HOSE (1/2" FILL, 1/4" VENT)	N/A	N/A	HDCNGHOSE-11, HDCNGHOSE-11FLB
207786	13' MAIN HOSE (3/8" FILL, 1/4" VENT)	N/A	N/A	LDCNGHOSE-15, LDCNHOSE-15A
207880	2' WHIP HOSE (1/4" FILL, 1/4" VENT)	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	TFCNGHOSE-14, TFCNGHOSE-20, TFCNGKIT-14C36, TFCNGKIT-20B36
207890	18' MAIN HOSE (1/4" FILL, 1/4" VENT)	N/A	N/A	TFCNGHOSE-20, TFCNGKIT-20B36
207953	17" NOZZLE FLEX HOSE (-6 HOSE, 1/4 NPT TO #6 SAE O-RING)	N/A	N/A	3WV-44D, 3WV-44DP30, 3WV-DP36, 3WV-46D, 3WV-46DP30, 3WV-46DP36, TFCNGKIT-20D36, XFLDCNGKIT-50
208122	8.3' MAIN HOSE (3/8" FILL, 1/4" VENT)	N/A	N/A	LDCNGHOSE-11W, LDCNGKIT-11W
208408	2' WHIP HOSE (3/8" FILL, 1/4" VENT)	SAE (JIC) 37 DEGREE SWIVEL 9/16" -18 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	LDCNGHOSE-15A
208523	12' MAIN HOSE (1/4" FILL, 1/4" VENT)	N/A	N/A	TFCNGKIT-20D36, TFCNGHOSE-14, TFCNGHOSE-12-8, TFCNGKIT-14C36
208989	2' WHIP HOSE (3/4" FILL, 1/4" VENT)	SAE (JIC) 37 DEGREE SWIVEL 1-1/16" -12 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 9/16" -18 FEMALE THREAD	XHDCNGHOSE-10
208990	8.3' MAIN HOSE (3/4" FILL, 1/4" VENT)	N/A	N/A	XHDCNGHOSE-10
209413	10' (3/8") CNG HOSE - Breakaway to Defuel Panel - For Defuel Panel Kit	SAE (JIC) 37 DEGREE SWIVEL 3/4" -16 FEMALE THREAD	N/A	LDCNGDPK-12
209414	2' (3/8") CNG HOSE - BDN to Break- away Hose for Defuel Panel Kit	SAE (JIC) 37 DEGREE SWIVEL 3/4" -16 FEMALE THREAD	N/A	LDCNGDPK-12

	Description: Replacement only. Fittings NOT included	Dispenser Connection Fill Hose	Dispenser Connection Vent Hose	Hose Cross Reference	
	IIP HOSE (1/2" FILL, 1/4" VENT)	SAE (JIC) 37 DEGREE SWIVEL 7/8" -14 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 9/16" -18 FEMALE THREAD	CNGHOSE5, HDCNGHOSE-11FLB, HD	CNGKIT-11FLB
209443 2' Wł	HP HOSE (3/8" FILL, 1/4" VENT)	SAE (JIC) 37 DEGREE SWIVEL 3/4" -16 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	CNGHOSE122, LDCNGHOSE-15, LDCN LDCNGKIT-11FLB, LDCNGKIT-12	NGHOSE-11FLB,
209624 8' Wł	HP HOSE (1/4" FILL, 1/4" VENT)	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	TFCNGHOSE-12-8, TFCNGKIT-HOSE-1	2-8, TFCNGKIT-20D36
	NG HOSE (3/8" FILL, 1/4" VENT) - D' CNG Transfer Kit		SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	XFLDCNGKIT-50	
209627 25' C	NG HOSE (3/8" FILL, 1/4" VENT) - D' CNG Transfer Kit		SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	XFLDCNGKIT-50	
Product # Hose Sets	Item Description: Includes and Labor to Assemble		Dispenser Connection Fill Hose	Dispenser Connection Vent Hose	Hose Cross Reference
CNGHOSE122	2' WHIP HOSE (3/8" FILL, 1/4" (3/8" FILL, 1/4" VENT) (20944		SAE (JIC) 37 DEGREE SWIVEL 3/4" -16 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	LDCNGKIT-12, 209443 & 42035
CNGHOSE5	2' WHIP HOSE (1/2" FILL, 1/4' (1/2" FILL, 1/4" VENT) (20943	' VENT) plus 11' MAIN HOSE	SAE (JIC) 37 DEGREE SWIVEL 7/8" -14 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 9/16" -18 FEMALE THREAD	209435 & 204357
HDCNGHOSE-11	2' WHIP HOSE (1/2" FILL 1//	' VENT) plus 8.3' MAIN HOSE	SAE (JIC) 37 DEGREE SWIVEL 7/8" -14 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 9/16" -18 FEMALE THREAD	HDCNGKIT-11, 204356 & 207174
HDCNGHOSE-11F	2' WHIP HOSE (1/2" FILL 1//	' VENT) plus 8.3' MAIN HOSE	SAE (JIC) 37 DEGREE SWIVEL 7/8" -14 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL	HDCNGKIT-11FLB,
LDCNGHOSE-11	2' WHIP HOSE (3/8" FILL, 1/4'	VENT) plus 8.3' MAIN HOSE	SAE (JIC) 37 DEGREE SWIVEL	9/16" -18 FEMALE THREAD SAE (JIC) 37 DEGREE SWIVEL	209435 & 207174 LDCNGKIT-11,
	(3/8 FILL, 1/4 VENT) (42034		3/4" -16 FEMALE THREAD	7/16" -20 FEMALE THREAD	42034 & 207173 LDCNGKIT-11FLB,
LDCNGHOSE-11F	(3/8" FILL, 1/4" VENT) (20944	3 & 207173 plus adaptors)	SAE (JIC) 37 DEGREE SWIVEL 3/4" -16 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	LDCNGKIT-11FLB- PG81P36, 209443 & 207173
LDCNGHOSE-11	V 2' WHIP HOSE (3/8" FILL, 1/4" (3/8" FILL, 1/4" VENT) (42034		SAE (JIC) 37 DEGREE SWIVEL 3/4" -16 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	LDCNGKIT-11W, 42034 & 208122
LDCNGHOSE-15	2' WHIP HOSE (3/8" FILL, 1/4' (3/8" FILL, 1/4" VENT) (20944		SAE (JIC) 37 DEGREE SWIVEL 3/4" -16 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	209443 & 207786
LDCNGHOSE-15	4 2' WHIP HOSE (3/8" FILL, 1/4' (3/8" FILL, 1/4" VENT) (20840		SAE (JIC) 37 DEGREE SWIVEL 9/16" -18 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	LDCNGKIT-15A, 208408 & 207786
LDCNGHOSE-201	F 10' WHIP HOSE (3/8" FILL, 1/4 (3/8" FILL, 1/4" VENT) (42035	4" VENT) plus 10' MAIN HOSE & 42035 plus adaptors)	SAE (JIC) 37 DEGREE SWIVEL 3/4" -16 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	LDCNGKIT-20B36 & 42035
TFCNGHOSE-12-	8' WHIP HOSE (1/4" FILL, 1/4' (1/4" FILL, 1/4" VENT) (20962		SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	TFCNGKIT-20D36, 209624 & 208523
TFCNGHOSE-14	2' WHIP HOSE (1/4" FILL, 1/4" (1/4" FILL, 1/4" VENT) (20788		SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	TFCNGKIT-14C36, 207880 & 208523
TFCNGHOSE-20	2' WHIP HOSE (1/4" FILL, 1/4" (1/4" FILL, 1/4" VENT) (20788		SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	TFCNGKIT-20B36, 207880 & 207890
XHDCNGHOSE-1	0 2' WHIP HOSE (3/4" FILL, 1/4" (3/4" FILL, 1/4" VENT) (20898		SAE (JIC) 37 DEGREE SWIVEL 1-1/16" -12 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 9/16" -18 FEMALE THREAD	XHDCNGKIT-10, 208989 & 208990
Product # Hose-Breakawa Nozzle Assemb	I DW Proceuro locting of (	Fittings, and Complete Assembly	Dispenser Connection Fill Hose	Dispenser Connection Vent Hose	Hose Cross Reference
HDCNGKIT-11	2' WHIP HOSE (1/2" FILL, 1/4 (1/2" FILL, 1/4" VENT), ILB-5		SAE (JIC) 37 DEGREE SWIVEL 7/8" -14 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 9/16″ -18 FEMALE THREAD	HDCNGHOSE-11
HDCNGKIT-11FL	2' WHID HOSE (1/2" EILL 1/4"	VENT), 8.3' MAIN HOSE	SAE (JIC) 37 DEGREE SWIVEL 7/8" -14 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 9/16" -18 FEMALE THREAD	HDCNGHOSE-11FLB
LDCNGDPK-12	BDN 2' MAIN HOSE (3/8") 1		SAE (JIC) 37 DEGREE SWIVEL 3/4" -16 FEMALE THREAD	N/A	209414 & 209413
LDCNGKIT-11	2' WHIP HOSE (3/8" FILL, 1/4 (3/8" FILL, 1/4" VENT), ILB-1		SAE (JIC) 37 DEGREE SWIVEL 3/4" -16 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	LDCNGHOSE-11
LDCNGKIT-11FL	2' WHID HOSE (2/8" EILL 1//	<sup>1</sup> " VENT), 8.3' MAIN HOSE	SAE (JIC) 37 DEGREE SWIVEL 3/4" -16 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	LDCNGHOSE-11FLB
LDCNGKIT-11FL PG81P36		I" VENT), 8.3' MAIN HOSE	SAE (JIC) 37 DEGREE SWIVEL 3/4" -16 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	LDCNGHOSE-11FLB
LDCNGKIT-12	2' WHIP HOSE (3/8" FILL, 1/4 (3/8" FILL, 1/4" VENT), CNGI		SAE (JIC) 37 DEGREE SWIVEL 3/4" -16 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	CNGHOSE122
LDCNGKIT-15A	2' WHIP HOSE (3/8" FILL 1//	" VENT), 13' MAIN HOSE	SAE (JIC) 37 DEGREE SWIVEL 9/16" -18 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	LDCNGHOSE-15A
LDCNGKIT-20B3	10' WHIP HOSE (3/8" INLET,	· · · · · · · · · · · · · · · · · · ·	SAE (JIC) 37 DEGREE SWIVEL 9/16" -18 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	LDCNGHOSE-20TF
TFCNGKIT-14C3	6 2' WHIP HOSE (1/4" FILL, 1/4		SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	TFCNGHOSE-14
TFCNGKIT-20B3	6 2' WHIP HOSE (1/4" FILL, 1/4		SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	TFCNGHOSE-20
TFCNGKIT-20D3	8' WHIP HOSE (1/4" FILL, 1/4		SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 7/16" -20 FEMALE THREAD	TFCNGHOSE-12-8
XFLDCNGKIT-5	BDN + 3WV-46D, 25' HOSE ( 209627, CNGBREAKKIT-1000	3/8" FILL, 1/4" VENT) ), 25' HOSE	N/A	N/A	209627, 209626 & 207953
XHDCNGKIT-10	(3/8" FILL, 1/4" VENT) 20962 2' WHIP HOSE (3/4" FILL, 1/4 (3/4" FILL, 1/4" VENT), CNG	4" VENT), 8.3' MAIN HOSE	SAE (JIC) 37 DEGREE SWIVEL 1-1/16" -12 FEMALE THREAD	SAE (JIC) 37 DEGREE SWIVEL 9/16" -18 FEMALE THREAD	XHDCNGHOSE-10

# **CleanEnergy Nozzle Compatibility Matrix**



			CNG <b>NEW</b> CNG Breakaways & CNGBREAKKITS				Standard NGV1 CNG Receptacles <b>NOTE:</b> These use Receptacle Fit Gage RINGO-0001						High Flow CNG Receptacles NOTE: These use Receptacle Fit Gage RINGO-0005						Nozzle Gages		
		CNG Nozzles	ILB-1	ILB-5	FLB 1000 & CNG BREAK KIT-1000	FLB 5000 & CNG BREAK KIT-5000	NGVLB	LB30	LD30	LE30	LB36	LD36	LE36	CL40	CL4078	CL50	CL5000	CL5016	CL5078	JAWGO -1	JAWGO -5
		PGXXP30	1	x	1	x	~	1	<b>√</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>	x	x	x	x	x	x	1	x
		PGXXP36	1	x	1	x	~	1	1	1	1	1	1	x	x	x	x	x	x	1	x
	Type 1	CT1000SS (3,000 psi/ 200 bar)	1	x	1	x	1	1	1	1	~	~	1	x	x	x	x	x	x	1	x
		CT1000P36S (3,600 psi/ 250 bar)	1	x	1	x	~	x	x	x	1	1	1	x	x	x	x	x	x	1	x
	-	CC300P30S (3,000 psi/ 200 bar)	1	x	1	x	~	1	✓	✓	✓	<b>√</b>	✓	x	x	x	x	x	x	1	x
		CC300P36S (3,600 psi/ 250 bar)	1	x	1	x	~	x	x	x	1	1	1	x	x	x	x	x	x	1	x
		CC600S (3,000 psi/ 200 bar)	1	X	1	x	~	1	<b>√</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>	x	x	X	x	x	x	1	x
NGV1	Туре 2 & 3	CC600P36S (3,600 psi/ 250 bar)	1	X	1	x	~	x	X	X	1	1	1	x	x	X	x	x	x	1	x
		CC600 Series Nozzle including 3-Way Valve (3WV series) (3,600 psi/ 250 bar & 3,000 psi/ 200 bar)	~	x	1	x	~	1	1	1	1	1	1	x	x	X	x	X	x	1	X
	Туре	CC250 (3,000 psi/ 200 bar)	1	X	1	x	~	1	1	1	1	1	1	x	x	X	x	x	x	x	x
	3	CC270 (3,000 psi/ 200 bar)	1	x	1	x	~	1	1	~	1	~	1	x	x	x	x	x	x	x	x
Bus /	Type 1	CT5000S (3,600 psi/ 250 bar)	x	1	x	1	1	x	x	x	x	x	x	1	1	1	1	1	1	x	~
High Flow	Type 2	CC6000 (3,600 psi/ 250 bar)	x	<b>√</b>	x	1	1	x	x	x	x	x	x	1	1	1	1	1	1	x	~
CNG Defueling		BDN (3,600 psi/ 250 bar)	1	x	1	x	<b>√</b>	1	1	x	<b>√</b>	<b>√</b>	x	x	X	x	x	x	x	1	x

# CleanEnergy Hose Kit Compatibility Matrix Fully Factory Assembled and Tested

				Time Fill				Lig	ht Duty (I	LD)		Heavy D	uty (HD)	Extra Heavy Duty (XHD)	Heavy Duty Def	
				2' Whip Hose / 14' Main Hose	2' Whip Hose / 18' Main Hose	8' Whip Hose / 12' Main Hose	2' Whip Hose / 8.3' Main Hose	2' Whip Hose / 8.3' Main Hose	2' Whip Hose / 10' Main Hose	2' Whip Hose / 13' Main Hose	2' Whip Hose / 13' Main Hose	2' Whip Hose / 8.3' Main Hose	2' Whip Hose / 8.3' Main Hose	2' Whip Hose / 8.3' Main Hose	10' Whip Hose / 2' Main Hose	25' Whip Hose / 25' Main Hose
			Hose Kit Component	TFCNG KIT- 14C36	TFCNG KIT- 20B36	TFCNG KIT- 20D36	LDCNG KIT-11	LDCNG KIT-11 FLB	LDCNG KIT-12	LDCNG KIT-15A	LDCNG KIT- 20B36	HDCNG KIT-11	HDCNG KIT- 11FLB	XHDCNG KIT-10	LDCN DPK-12	XFLDCNG KIT-50
			PGXXP30	x	x	x		Contac	t OPW for	Quote		x	x	x	x	X
		Туре	PGXXP36	x	x	X		Contac	t OPW for	r Quote		x	x	x	X	X
	NGV1	1	CT1000SS	x	X	X	X	X	X	1	X	X	X	x	X	X
Nortice			CT1000P36S	X	X	X	$\checkmark$	$\checkmark$	$\checkmark$	X	X	X	X	X	X	1
Nozzles		Туре 2 & 3	CC600 Nozzle including 3-Way Valve	1	1	1	x	x	x	x	1	x	x	x	x	x
	Bus / High Flow	Type 1	CT5000S	x	x	x	x	x	x	x	x	<ul> <li>Image: A start of the start of</li></ul>	✓	1	х	x
	Defueling		BDN	x	x	x	x	x	x	x	x	x	x	x	~	✓ with 3WV-46D
	Standard		ILB-1	x	X	x	1	X	x	X	X	x	x	x	x	x
Fill Line Break-			FLB-1000	X	X	X	X	X	X	X	X	X	X	X	<b>√</b>	X
aways			CNGBREAK KIT-1000	1	✓	✓	X	1	✓	1	✓	X	X	x	X	1
	Bus / High Flow		ILB-5	X	X	X	X	X	X	X	X	<b>√</b>	X	X	X	X
Fill Line Break-			FLB-5000	X	X	X	X	X	X	X	X	X	X	X	X	X
aways			CNGBREAK KIT-5000	X	X	X	X	X	X	X	X	X	✓	1	x	x
	Vent Line Breakaways		NGVLB	1	1	X	1	X	1	1	1	1	1	1	X	1
	Hose Retractor		6102-CNG	x	X	X	1	1	1	1	1	x	x	x	x	<ul> <li>Image: A second s</li></ul>
			6102-CNG2	x	X	X	X	X	X	X	X	X	X	x	X	X
Re			6102-CNG3	x	X	X	X	X	X	X	X	1	1	x	X	X
			6102-CNG4	1	$\checkmark$	✓	X	X	X	X	X	X	X	x	X	X

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