



Aeroquip[®] by Danfoss DataCryo EHW194



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Engineered to keep you cool

Liquid cooling is an innovative technique using water as a cooling medium to help keep computer processor temperatures low in data center applications. Danfoss designed DataCryo EHW194 hose with this emerging technology in mind.

UL 94 V-0 rated and offering superior flexibility and kink resistance, this hose was designed to maneuver in tight spaces to simplify installation and maintenance. Offered in a variety of sizes and colors, with approved Danfoss fittings—we have made it easy to emerge into this new market.



Features

- UL 94 V-0 rated
- Exceeds ASTM E84 Class 1/A Requirements
- Fire resistant cover
- Smooth-finish cover, low CoF
- Multiple color offerings
- Flexible with torsional strain and kink resistance

Markets/Applications

- Data centers
- Electronic component cooling
- Cryptocurrency mining
- IT thermal management

Order Fulfillment

- Made to Stock



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Part Number	Order Number	Colour	Hose I.D.		Hose O.D.		Operating Pressure		Burst Pressure		Minimum Bend Radius		Weight		Length	
			mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft	m	ft
EHW194TW-04	12026510	Blue														
	12055014	Red	6.4	0.25	13.0	0.51	10.5	150	42	600	25	0.98	0.16	0.11	76.2	250
	12013458	Black														
EHW194TW-06	12026512	Blue														
	12055016	Red	9.5	0.37	16.0	0.63	10.5	150	42	600	35	1.38	0.18	0.12	76.2	250
	12008699	Black														
EHW194-08	EHW194-08BURL	Blue														
	EHW194-08RDRL	Red	12.7	0.50	22.0	0.87	10.5	150	42	600	75	2.95	0.36	0.24	76.2	250
	EHW194-08BKRL	Black														
EHW194-10	EHW194-10BURL	Blue														
	EHW194-10RDRL	Red	15.9	0.63	25.2	0.99	10.5	150	42	600	100	3.94	0.43	0.29	76.2	250
	EHW194-10BKRL	Black														
EHW194-12	EHW194-12BURL	Blue														
	EHW194-12RDRL	Red	19.0	0.75	29.7	1.17	10.5	150	42	600	125	4.92	0.56	0.38	76.2	250
	EHW194-12BKRL	Black														
EHW194-16	EHW194-16BURL	Blue*														
	EHW194-16RDRL	Red*	25.4	1.00	36.5	1.44	10.5	150	42	600	150	5.91	0.75	0.50	76.2	250
	EHW194-16BKRL	Gray*														

* Hose colour is black with layline colour as indicated

Construction		Max/Min Intermittent Operating Temperature		Qualified connections	
Tube	Peroxide-cured, zinc free, synthetic EPDM rubber	-40°C to +140°C (-40°F to +284°F)		• Danfoss 1G crimp fittings • Danfoss 100B socketless fittings • Danfoss Hansen UQD • Danfoss Hansen FD83	
Reinforcement		Certifications			
2 -ply textile		UL 94 V-0			
Cover	Fire retardant, Peroxide-cure Synthetic EPDM Rubber	Exceeds ASTM E84 Class 1/A Requirements			
Colors	Black (BK), Blue (BU), Red (RD)	Packaging			
100% Sulfur free construction		76.2m (250 ft.) Reel			

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			mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft	m	ft
EHW194-20	11354729	Blue*	32.0	1.25	44	1.73	10.5	150	42	600	80	3.2	1.05	0.71	61	200
	11354843	Red*														
EHW194-24	11354800	Blue*	38.0	1.50	50	1.97	10.5	150	42	600	90	3.5	1.21	0.81	61	200
	11354845	Red*														
EHW194-32	11354938	Blue*	50.8	2.00	64	2.52	10.5	150	42	600	120	4.7	1.75	1.18	61	200
	11354972	Red*														

* Hose colour is black with layline colour as indicated

Construction		Max/Min Intermittent Operating Temperature		Qualified connections	
Tube	Peroxide-cured, zinc free, synthetic EPDM rubber	-40°C to +140°C (-40°F to +284°F)		• Danfoss 1G crimp fittings • Danfoss Hansen FD83 hose barb couplings • Danfoss EHW194 hose barb fittings	
Reinforcement		Certifications			
	2 -ply textile 1 helical wire	UL 94 V-0 rated			
Cover	Fire retardant, Peroxide-cure Synthetic EPDM Rubber	Packaging			
Colors	Blue, Red (Layline)	61m (200ft.) coil			
100% Sulfur free construction					



Any information, including, but not limited to information on selection of product, its application or use, product design, weight, dimensions, capacity or any other technical data in product manuals, catalogues descriptions, advertisements, etc. and whether made available in writing, orally, electronically, online or via download, shall be considered informative, and is only binding if and to the extent, explicit reference is made in a quotation or order confirmation. Danfoss cannot accept any responsibility for possible errors in catalogues, brochures, videos and other material. Danfoss reserves the right to alter its products without notice. This also applies to products ordered but not delivered provided that such alterations can be made without changes to form, fit or function of the product. All trademarks in this material are property of Danfoss A/S or Danfoss group companies. Danfoss and the Danfoss logo are trademarks of Danfoss A/S. All rights reserved.



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