

Liquid Cooling Hydraulic Hose Assembly

Models: TC-HA-10 to TC-HA-76



PRODUCT OVERVIEW

Hose assemblies made of crimped fittings and hydraulic hoses, used as flexible connections between manifolds and liquid-cooled servers, and between CDUs and manifolds. Crimped fittings are available in thread and flange types; custom elbows are supported.

KEY FEATURES

- Hose materials: PTFE, EPDM or NBR
- Connectors: self-sealing quick disconnect couplings, manual ball valves or barbed hose tails
- Female/female, male/male or female/male configurations
- Compatible with various cooling media
- Push-to-connect for one-handed connection
- Red and blue markers distinguish inlet and outlet

PRODUCT SPECIFICATIONS

Part No.	Size	ID (mm)	OD (mm)	Working Pressure kPa (psi)	Burst Pressure kPa (psi)	Min. Bend Radius (mm)	Weight (kg/m)	Std. Cut Length (m)
TC-HA-10	3/8"	9.5	17.0	1380 (200)	4830 (700)	70	0.23	100
TC-HA-13	1/2"	12.7	21.0	1380 (200)	4830 (700)	100	0.32	100
TC-HA-16	5/8"	15.9	24.0	1380 (200)	4830 (700)	120	0.40	60
TC-HA-19	3/4"	19.0	28.0	1380 (200)	4830 (700)	150	0.48	60
TC-HA-25	1"	25.4	35.6	1380 (200)	4830 (700)	200	0.73	60
TC-HA-32	1-1/4"	31.8	43.5	1380 (200)	4830 (700)	250	1.00	40
TC-HA-38	1-1/2"	38.1	52.0	1380 (200)	5520 (800)	230	1.38	40
TC-HA-50	2"	50.8	66.0	1380 (200)	5520 (800)	300	1.90	40
TC-HA-63	2-1/2"	63.5	79.5	1380 (200)	5520 (800)	380	2.50	40
TC-HA-76	3"	76.2	94.2	1380 (200)	5520 (800)	460	3.40	40

Note: Pressures in kPa, with catalogue psi values in brackets (1 psi = 6.895 kPa).

APPLICATIONS

Manifold-to-Server

CDU-to-Manifold

Liquid Cooling Loops