TUDERTECHNICA®

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

TUSIL® RAD HPC



Suction and delivery hose suitable for heat exchange solutions in data center cooling applications. The silicone tube does not contain heavy-metals as per RoHS specific requirements (2002/95/CE). Silicone offers excellent compatibility with PG25 and other percentage of water and glycol-based coolant solutions.

TEMPERATURE: -60°C / +200°C (-76°F / +392°F)

NORM:
ISO 1307 for dimensional tolerances
Cover compound meets UL 94:2023 (V-0) requirements
Hose meets UL 94:2023 (V-1) requirements

Fittings available

TUBE
Silicone, translucent, heat resistant.

REINFORCEMENT
High temperature resistant yarns, stainless steel wire helix.

COVER
Grey, cloth finish, silicone. Ageing, ozone and heat resistant.
Flame retardant, self-extinguishing ability. Cover compound meets UL 94:2023 (V-0) Requirements.

MARKING
Available with blue or red layline, upon request.

Inside diameter		Outside diameter		Vacuum		Working pressure		Burst pressure		Appr. Weight		Bending radius	
mm	*in*	*mm*	*in*	*bar*	*psi*	*bar*	*psi*	*bar*	*psi*	*kg/mt*	*lbs/ft*	*mm*	*in*
13	0,50	23	0,91	0,9	13	15	225	45	675	0,42	0,28	30	1,18
16	0,63	26	1,02	0,9	13	14	210	42	630	0,49	0,33	40	1,57
19	0,75	29	1,14	0,9	13	13	195	39	585	0,55	0,37	50	1,97
25	1,00	35	1,38	0,9	13	10	150	30	450	0,68	0,46	70	2,76
32	1,25	42	1,65	0,9	13	8	120	24	360	0,84	0,56	105	4,13
38	1,50	49	1,93	0,9	13	7	105	21	315	1,13	0,76	135	5,31
51	2,00	62	2,44	0,9	13	6	90	18	270	1,57	1,05	195	7,68
63,5	2,50	76,5	3,01	0,9	13	5	75	15	225	2,30	1,55	260	10,24
76	3,00	89	3,50	0,9	13	4	60	12	180	2,71	1,82	320	12,60
102	4,00	115	4,53	0,9	13	3	45	9	135	3,54	2,38	410	16,14

Data refer to ambient temperature (20°C).