TUDERTECHNICA®

COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001

TURAD HPC



Suction and delivery hose suitable for heat exchange solutions in data center cooling applications under the toughest conditions. The EPM tube is metal-free, RoHS compliant and with its low friction coefficient ensures an efficient fluid circulation. EPM offers the optimal compatibility with PG25 and other deionized water glycol coolant mixes to avoid fluid contamination.

TUBE
Smooth, EPM, peroxide accelerated, heat resistant

REINFORCEMENT
Synthetic plies, galvanized wire helices

COVER
Smooth, black synthetic polymer, flame resistant, cloth finish. Abrasion, ageing, ozone and UV resistant. Complying with the criteria of UL 94:2023

TEMPERATURE: -40°C / +120°C (-40°F / +248°F)

NORMS: ISO 1307 for dimensional tolerances
UL 94:2023 complying

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	26	1,02	0,9	13	10	150	40	600	0,52	0,35	45	1,77
19	0,75	32	1,25	0,9	13	10	150	40	600	0,74	0,50	65	2,56
25	1,00	38	1,50	0,9	13	10	150	40	600	0,92	0,62	90	3,54
32	1,25	45	1,77	0,9	13	10	150	40	600	1,17	0,79	130	5.12
38	1,50	52	2,05	0,9	13	10	150	40	600	1,51	1,01	160	6,30
51	2,00	65	2,56	0,9	13	10	150	40	600	1,98	1,33	220	8,66
63,5	2,50	81,5	3,21	0,9	13	10	150	40	600	3,19	2,14	275	10,83
76	3,00	96	3,78	0,9	13	10	150	40	600	3,95	2,65	330	12,99
102	4,00	123	4,84	0,9	13	10	150	40	600	5,78	3,88	440	17,32

Data refer to ambient temperature (20°C). Other diameters, wall thickness and pressure only on specific request.