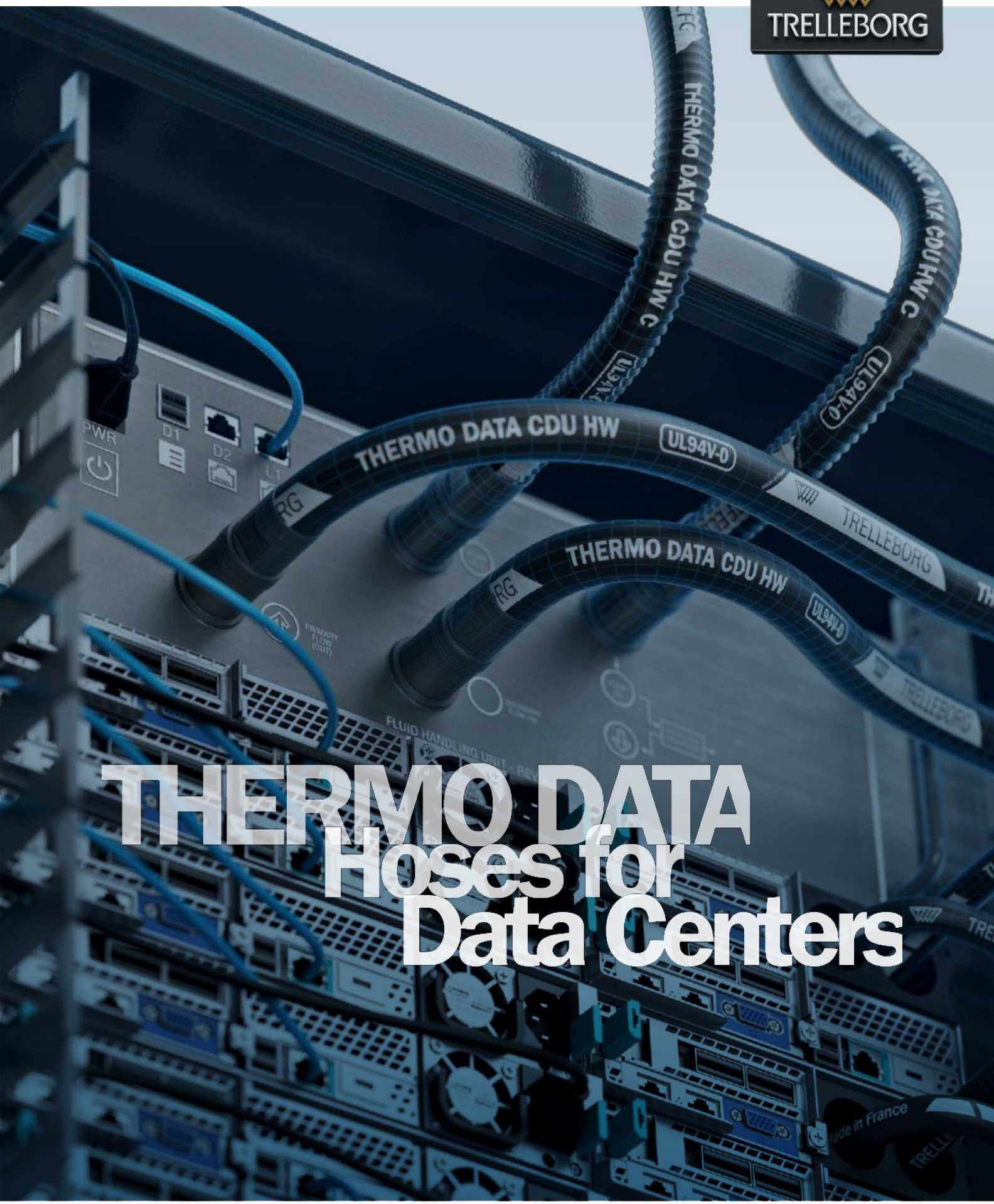
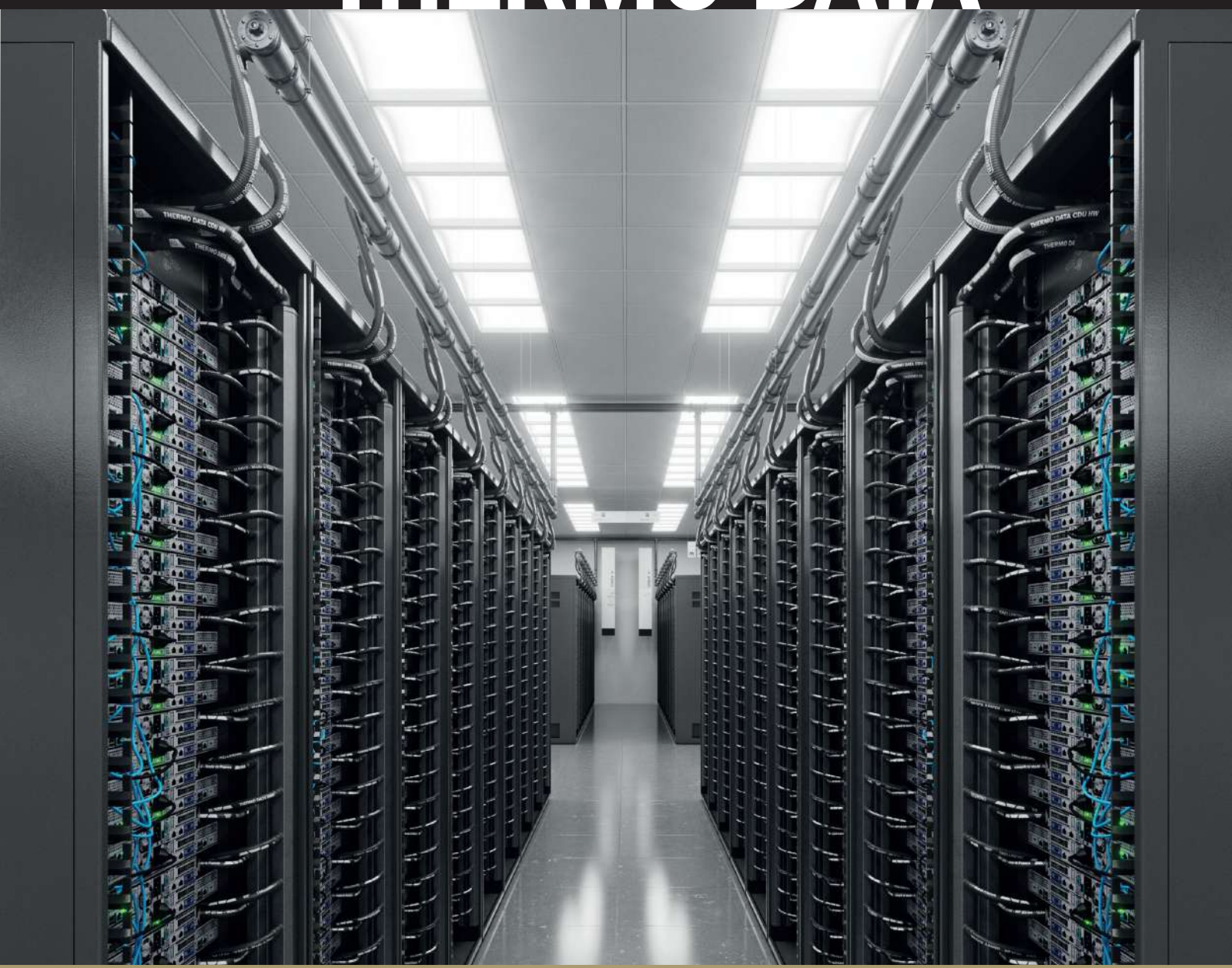


THERMO DATA
Hoses for Data Centers

Fluid transfer solutions
www.trelleborg.com/fluidhandling

Stay ahead of the heat with THERMO DATA



ADVANCED COOLING HOSE SOLUTIONS FOR HIGH□PERFORMANCE DATA CENTERS

The exponential growth of AI, cloud computing, and high-density servers is generating unprecedented heat levels inside data centers. To maintain performance, reliability, and uptime, robust liquid cooling systems have become essential.

Designed on the strength of Trelleborg's long-standing expertise in rubber and material engineering, the THERMO DATA hose range delivers dependable cooling solutions for today's most demanding data center environments.
These hoses act as critical lifelines, helping prevent overheating, system failures, and damage to sensitive electronic components, while ensuring continuous, stable operation.

TRELLEBORG GROUP
WORLD LEADER IN POLYMER SOLUTIONS

Trelleborg leverages in-depth materials and applications expertise with early market insights, making the Group a world leader in engineered polymer solutions. We offer a unique portfolio covering a broad range of applications – even the most complex ones.



INDUSTRIAL SOLUTIONS



MEDICAL SOLUTIONS



SEALING SOLUTIONS

TRELLEBORG
FLUID HANDLING SOLUTIONS

We Protect the Essential, Innovate for Tomorrow. At Trelleborg Fluid Handling Solutions, we champion the protection of what's crucial to you - from ensuring the purity of the food on your table to maintaining the environmental integrity of our oceans. Our commitment extends beyond today, preparing for the chal-lenges of tomorrow with innovative, reliable, and sustainable solutions that safeguard people, assets, and the environment.

Your Trusted Partner in Fluid Management. Built on over 100 years of engineering expertise, Trelleborg Fluid Handling Solutions transcends traditional fluid management. We're not just about engineering; we're about redefining excellence with pre-cision and care. Our pioneering solutions enhance the fluid transfer process, setting new industry benchmarks for safety, efficiency, and sustainability.

We offer reliable Fluid Handling Solutions. We engineer the future with top-tier hoses that guarantee a smooth, leak-free flow, increase workplace safety and embody environ-mental stewardship with sustainable, waste-minimizing designs. We are Trelleborg Fluid Handling Solutions — Your trusted partner in Fluid Handling Solutions.



AIRCRAFT REFUELING



AQUACULTURE



CHEMICAL FLUID TRANSFER



CONSTRUCTION



FOOD & BEVERAGE PRODUCTION



MARINE & LEISURE BOAT



PETROCHEMICALS



ENERGY TRANSFER



MANUFACTURING & MACHINE TOOLS



WATER & WASTE WATER MANAGEMENT



MINING EQUIPMENT



OIL TRANSFER

Why Choose THERMO DATA?

RELIABLE COOLING WHERE IT MATTERS MOST

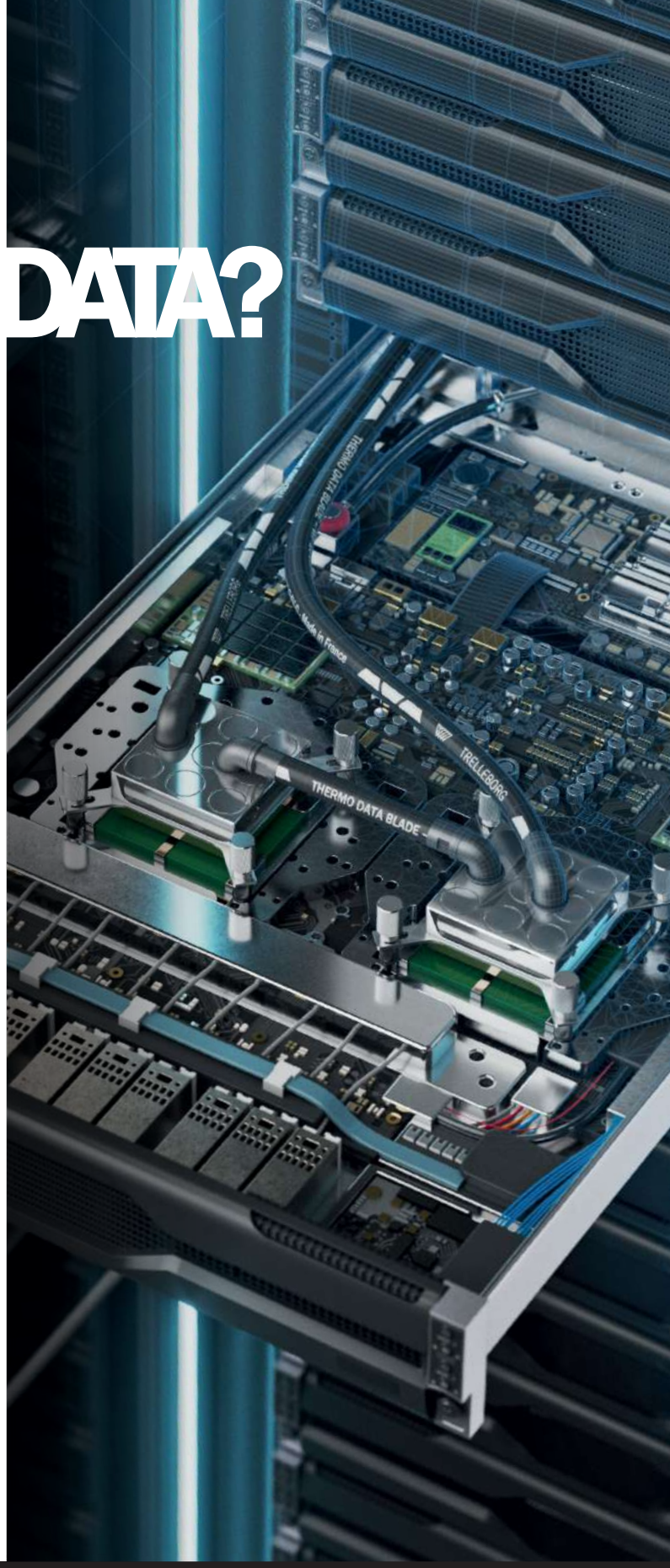
- Designed to maintain stable liquid cooling cycles in high-heat data center environments.
- Helps prevent overheating, system failures, and damage to sensitive electronic components.

ENGINEERED FOR DATA CENTER DEMANDS

- Developed using Trelleborg's advanced rubber and material expertise.
- Flame-resistant, durable constructions built to withstand continuous thermal stress.

ONE RANGE COMPLETE COVERAGE

- Solutions for blade-level cooling, jumper connections, and CDUs.
- Available in softwall and hardwall designs, with smooth or corrugated covers, to fit every installation need.



Zn
FREE ZINC

UL 94 V-0
UL 94 V□0

EXCELLENT BENDING RADIUS

FLUID PURITY

THERMO DATA CDU



THERMO DATA JUMPER



THERMO DATA BLADE



THERMO DATA BLADE / JUMPER



Blade: Delivers cooling fluid directly to the CPU and GPU inside server blades to ensure targeted thermal management.
Jumper: Transfers and returns cooling fluid between the manifold and each server blade, maintaining continuous circulation within the cooling system.

Inner tube	Zinc-free peroxide-cured EPDM
Reinforcement	Synthetic textile
Cover	Flame-resistant EPDM cover. UL94V-0. Black. Smooth
Special Properties	Max. vacuum: 0.4 bar

ID	OD	WORKING PRESSURE	BURSTING PRESSURE	BENDING RADIUS	WEIGHT
6.2	12.6	10	40	25	0.13
6.2	13.1	10	40	25	0.15
9.5	16.5	10	40	38	0.19
12.7	20.7	10	40	53	0.27
16.0	23.5	10	40	64	0.32
19.0	26.5	10	40	76	0.35
25.4	37.3	10	40	102	0.79

THERMO DATA CDU SOFTWALL Smooth



Delivery of high-flow cooling fluid from the Cooling Distribution Unit (CDU) and the main source line system.

Inner tube	Zinc-free peroxide-cured EPDM
Reinforcement	Synthetic textile
Cover	Flame-resistant EPDM cover. UL94V-0. Black. Smooth
Special Properties	Max. vacuum: 0.4 bar

ID	OD	WORKING PRESSURE	BURSTING PRESSURE	BENDING RADIUS	WEIGHT
25.0	37.0	10	40	100	0.68
38.0	50.0	10	40	152	0.97
50.0	62.5	10	40	200	1.29

THERMO DATA CDU HARDWALL Smooth



Delivery and suction of high-flow cooling fluid from the Cooling Distribution Unit (CDU) and the main source line system.

Inner tube	Zinc-free peroxide-cured EPDM
Reinforcement	Synthetic textile + Steel helix
Cover	Flame-resistant EPDM cover. UL94V-0. Black. Smooth
Special Properties	Max. vacuum: 0.8 bar

ID (mm)	OD (mm)	WORKING PRESSURE (bar)	BURSTING PRESSURE (bar)	BENDING RADIUS (mm)	WEIGHT (kg/m)
38.0	50.0	10	40	76	1.13
50.0	63.5	10	40	100	1.70
75.0	90.0	10	40	150	2.81
100.0	116.0	10	40	200	3.76

THERMO DATA CDU HARDWALL Flat/Square Corrugated



Delivery and suction of high-flow cooling fluid from the Cooling Distribution Unit (CDU) and the main source line system.

Inner tube	Zinc-free peroxide-cured EPDM
Reinforcement	Synthetlc textile + Steel helix
Cover	Flame-resistant EPDM cover. UL94V-0. Black. Flat or square corrugated
Special Properties	Max. vacuum: 0,8 bar

ID (mm)	OD (mm)	WORKING PRESSURE (bar)	BURSTING PRESSURE (bar)		BENDING RADIUS (mm)		WEIGHT (kg/m)	
			F. CORR.	SQ. CORR.	F. CORR.	SQ. CORR.	F. CORR.	SQ. CORR.
38.0	50.0	10	40	30	38	38	1.08	1.00
50.0	63.5	10	40	30	50	50	1.60	1.50
75.0	90.0	10	40	30	75	75	2.60	2.40
100.0	116.0	10	40	30	100	100	3.48	3.20

TRELLEBORG

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WWW.TRELLEBORG.COM/FLUIDHANDLING

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