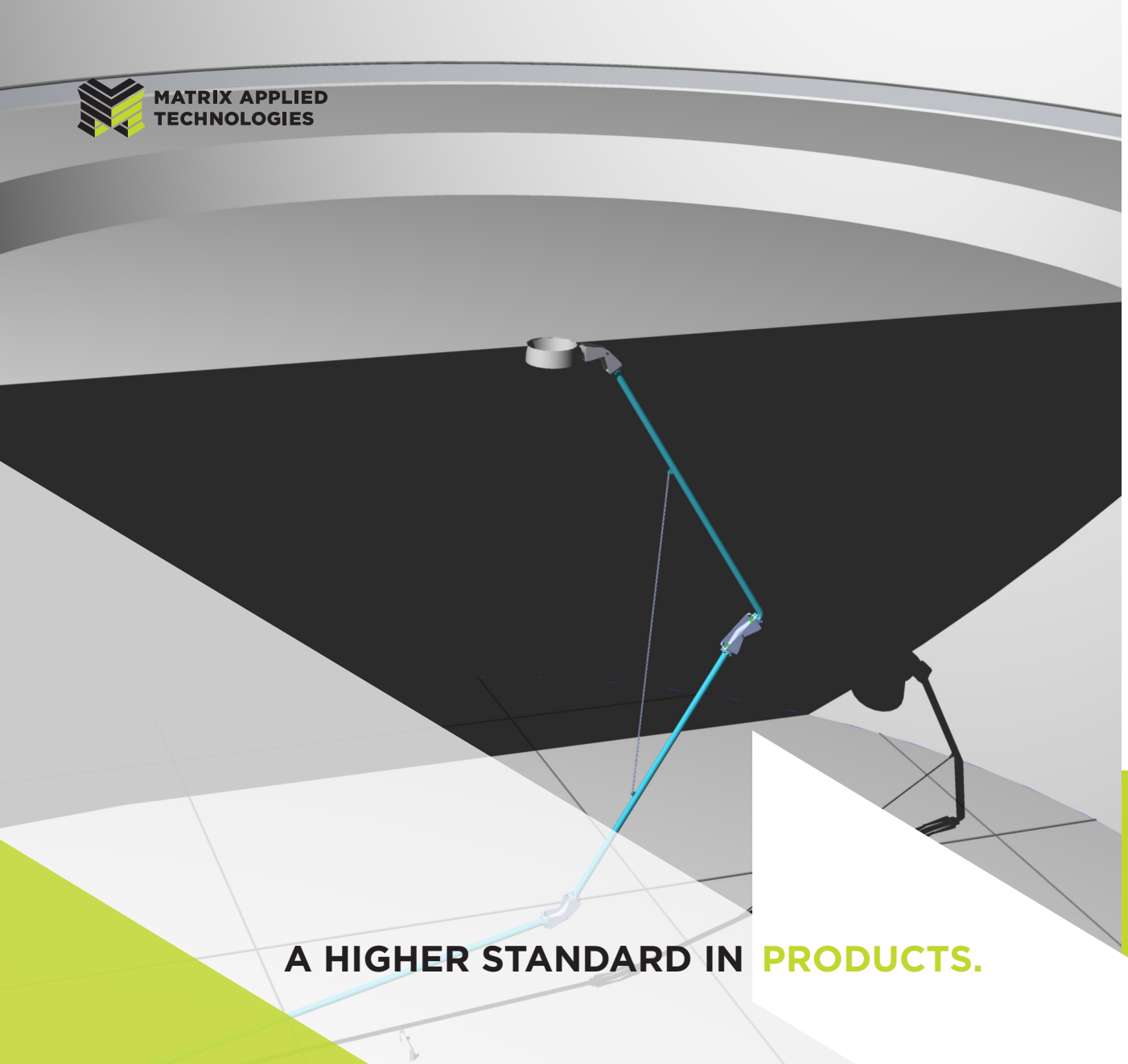
MATRIX APPLIED TECHNOLOGIES



A HIGHER STANDARD IN PRODUCTS.

FLOATING ROOF DRAIN SYSTEMS

When it comes to choosing the right drainage system for removing accumulating rainwater from your floating roof, Matrix Applied Technologies makes it an easy decision.

By design, our hard pipe system provides constant positive drainage and eliminates the risk of failure due to frozen product often associated with alternative hose drains. And because our system is never in contact with the tank bottom, there is no potential for damage to the tank's coating due to friction.

The drain line of our Floating Roof Drain System also requires a corridor just 500mm wide between sump and shell nozzle. In tanks above 60m diameter, it is advisable for safety reasons, to place more than one drain system in the tank. As many as five lines have previously been fitted to one large crude oil storage tank.

Providing maintenance-free operation for 15+ years. With only four drain joints required per floating roof drain system, our system is cost-effective, simpler, lighter, and easier to install.

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FLOATING ROOF DRAIN SYSTEMS

The MAT drain system requires only a relatively small amount of flexible piping. Our rigid pipes allow our system to be virtually leak-proof in tanks with substantially greater external pressure and highly aromatic liquids. Additionally, our floating roof drain system allows concurrent installation through the provision of a zippered fiberglass jacket that protects the system from potential construction hazards

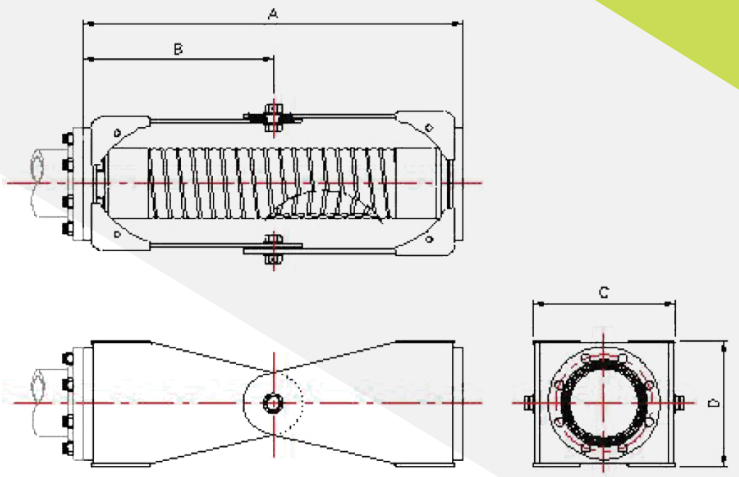
Metric Dimensions:

Part No	Dim / Size	A (mm)	B (mm)	C (mm)	D (mm)	Set of 4 joints Crated Wt. kg	Set of 4 joints Crated vol. m³	Operating temp.	Max. Pressure
DM3000	3 inch	620	310	228	195	132	0.295	20° C 100° C	*10.5kg/cm²
DM4000	4 inch	750	375	268	235	194	0.449	20° C 100° C	*10.5kg/cm²
DM6000	6 inch	950	475	362	312	424	0.848	20° C 100° C	*10.5kg/cm²
DM8000	8 inch	1300	650	426	385	682	1.572	20° C 100° C	*7.0kg/cm²

Inch Dimensions:

Part No	Dim / Size	A (in)	B (in)	C (in)	D (in)	Set of 4 joints Crated Wt. lb	Set of 4 joints Crated vol. ft³	Operating temp.	Max. Pressure
DM3000	3 inch	24.4	12.2	9.0	7.7	290	10.4	4° F 212° F	*150 psi
DM4000	4 inch	29.5	14.8	10.6	9.3	430	15.85	4° F 212° F	*150 psi
DM6000	6 inch	37.4	18.7	14.3	12.3	935	29.95	4° F 212° F	*150 psi
DM8000	8 inch	51.2	25.6	16.8	15.2	1500	55.51	4° F 212° F	*100 psi

*Maximum Field Test Pressure: 3.5kg/cm² (50psi).

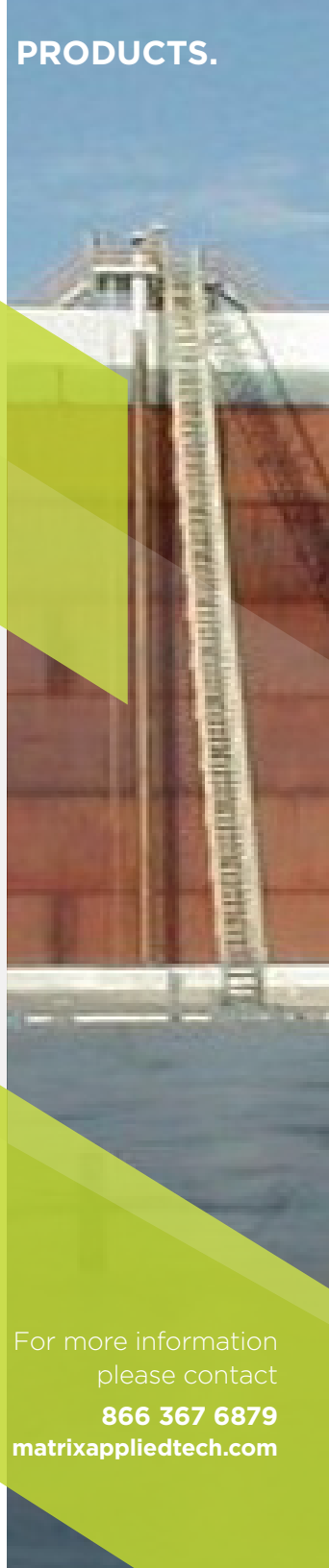


Materials

The standard Matrix Applied Technologies drain joint hose is constructed from layers of polypropylene and polyester film and fabric. Hoses have 316 stainless steel inner and outer wires and are swaged to carbon steel tailpieces with ANSI 150# RF flanges. Flanges can also be in stainless steel or carbon steel. The Matrix Applied Technologies drain joint pivot bolt assembly is stainless steel with main side plates either standard galvanized or stainless steel.

Features

Each of our drain joints are pressure tested in our manufacturing facility prior to being shipped to ensure superb quality and reliability when reaching the job site for installation. Each Floating Roof Drain System drain joint also comes with a fire-resistant zippered fiberglass jacket wrapped around the hose, providing unmatched protection for the hose should any hot work be done before putting the roof drain in service.



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For more information please contact
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