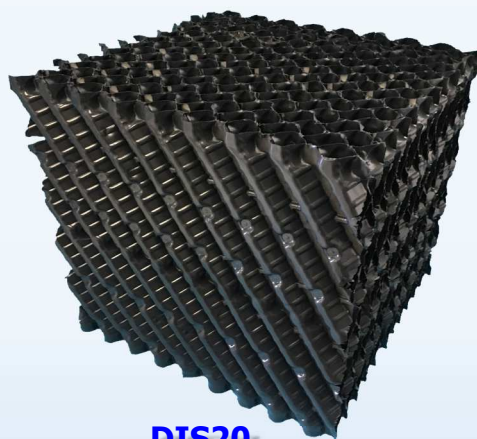


Coalescence packs - mod. DIS20

In the field of de-oiling, ThermoTrade s.r.l.'s DIS coalescence filters offer a high contact surface between the two liquid phases (oil and water), allowing for structurally smaller systems. Usually, traditional static systems have large structures and require large excavations to separate oils from effluent, because water can have a high flow rate and basins a very long retention time. The filters are also used in other fields, such as cooling towers, scrubbing towers, and paint booths.

FIELDS OF APPLICATION

- + De-oiling
- + Water Purification



DIS20

FEATURES

- DE-OILING

DIS 20 coalescence filters are made of thermoformed sheets with conduits at a 60° angle, assembled together.

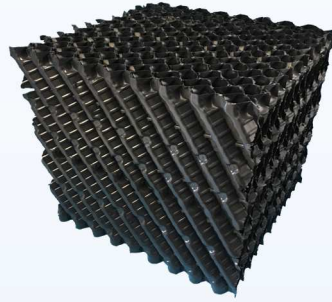
Oil drops go back up the length of a single conduit instead of the whole vat, allowing the two phases to separate faster. Droplets accumulate along the roof of the conduits – which are made in PVC (an oleophilic material) and feature a corrugated surface – and increase in size (coalescence process).

- WATER PURIFICATION

Thanks to their wave profile, DIS 20 coalescence filters can be used to fill purification systems, reducing the risk of clogging.



Coalescence packs - mod. DIS20



DIS20

Product	Material	Wave height	Dimension		
DIS20	PVC	20 mm	Length	Thickness	Height
			1200 mm	From 300 mm	From 300 mm
			1800 mm	To 1000 mm	To 600 mm
			2400 mm		

Product	Operating temp. Max	Projected surface	Thickness before thermoforming
DIS20	55°-60°	48 m ² /m ³	260 μ

* For outsized dimensions, which are not covered in the table, in contacting our offices we would be happy to meet your requests. The package DIS20 is provided both in sheets and in blocks.

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