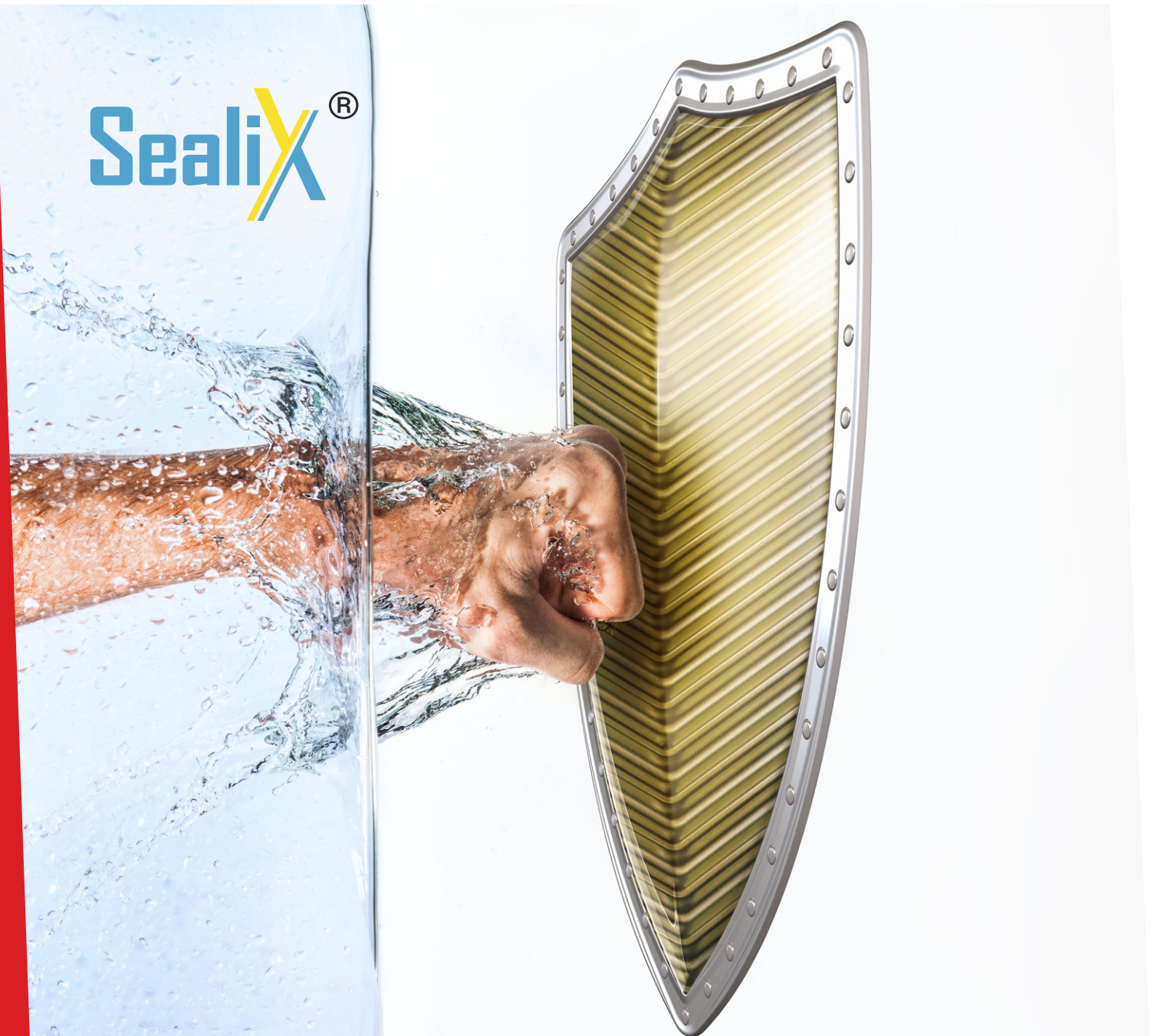


The Sealix logo features the word "Sealix" in a blue, sans-serif font. A yellow diagonal line runs through the letter "i". A registered trademark symbol (®) is positioned to the upper right of the "x".

Sealix®



SiO₂- based surface protection for improved durability

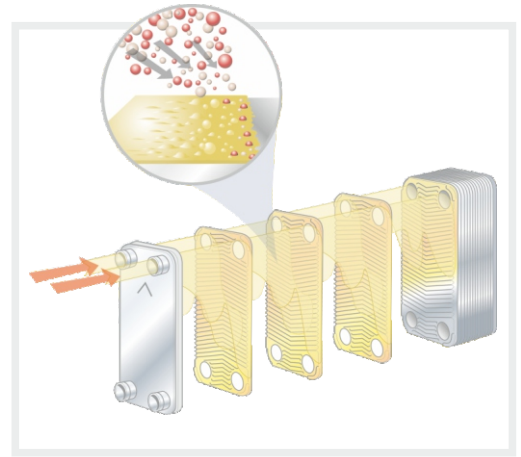
Do you have to deal with issues like metal leaching, corrosion, fouling, and scaling? If you are in the water business, you have most likely encountered these and other challenges. Sealix® is a new generation of brazed plate heat exchangers that creates a barrier against these issues and keeps water running longer.

Sealix® is a revolutionary SiO₂-based thin-film technology that increases corrosion resistance, decreases the tendency for fouling and scaling, and increases durability. A protective layer is applied to all surfaces that come into contact with water to increase the lifetime and operational safety of the entire system, reducing maintenance costs and unplanned downtime.

Features

SWEP Sealix® range uses the thin-film technology to seal the inner surfaces of the brazed plate heat exchanger with a protective layer of SiO₂ to enhance the resistance of the BPHEs in terms of:

- Corrosion**
 The ceramic nature of the SiO₂-based Sealix® layer improves corrosion stability.
- Scaling and fouling**
 Organic functionalities that are present in the Sealix protective layer, modify the surface energy and thus improve the surface behavior in terms of scaling and fouling.
- Leaching**
 Metal leaching is decreased by sealing the surfaces in contact with water.
- Thermal and hydraulic performance not affected**
 While providing the above-mentioned advantages, the Sealix® thin-film technology, maintains the high thermal and hydraulic performance of BPHEs.



Sealix product range available from stock:



	SXE8AS / SXE8LAS	SXB15T	SXB25T	SXB28	SXB85	SXB16DW	SXB220	SXB320HT	SXB320LT
Plate type	H	H	H	H	H	H	M	H	H
Length x Width (mm)	315 x 74	466 x 74	526 x 119	526 x 119	526 x 119	377 x 119.5	524 x 202	525 x 243	525 x 243
Max flow (m ³ /h)	4	4	9	17	17	11	39	62	76
PED pressure (bar @135°) (circuit 1/circuit 2)	16/16	45/45	32/32	26/26	46/32	16/16	25/25	33/29	25/25
Max temperature (°C)	150	150	150	150	150	150	150	150	150
Connections	ISO-G ¾"	ISO-G ¾"	ISO-G1"	ISO-G1¼"	ISO-G1" ISO-G1¼" & 28U	ISO-G ¾"	ISO-G2"	ISO-G2½"	ISO-G2½"
Number of pates	24, 42, 40, 50, 60, 70	30	20, 30, 40, 60, 80	36, 46, 56	24, 70, 100	12, 14	100, 120	100, 120	80

Other plate packages available upon request - but with longer lead times and MOQ. SXB220, SXB320HT, SXB320LT coming soon.



A DOVER COMPANY

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