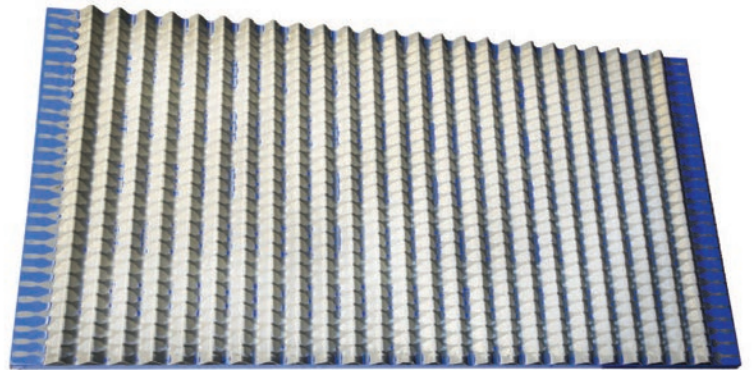


BRANDT PINNACLE Series Screens

Designed for all COBRA, KING COBRA,
Mini COBRA, LCM-3D, and LCM-Inline shale shakers

Maximum non-blanked open area (NBOA) for increased flow handling capacity.

The BRANDT™ PINNACLE™ series shale shaker screens utilize an advanced frame and supporting plate design, combined with the specifically created wire cloth panel to effectively and efficiently separate detrimental drilled solids while maximizing drilling fluid through put. The PINNACLE series screens are design to fit all COBRA™, KING COBRA™, Mini COBRA™, LCM-3D, and LCM-Inline shale shakers. All PINNACLE screens are API RP 13C compliant.



Feature	Benefit
Plastic reinforced tall peaks	Maximizes flow handling capacity
Reinforced screen frame design	Improved energy transfer from shaker basket to screen cloth
Individual seals around screen perimeter	Minimizes fluid bypass
Compliant with API RP 13C (ISO 13501)	Ensures a consistent product that meets customer expectations globally

BRANDT PINNACLE Series Screens

PINNACLE Series Screens for COBRA series and LCM-3D shale shakers

Part Number	API Number	D100 in microns	Conductance kD/mm	NBOA
6VNMNXTE050	50	301.61	4.507	7.43 ft ² / 0.69 m ²
6VNMNATE080	80	194.83	2.008	7.43 ft ² / 0.69 m ²
6VNMNATE100	100	164.50	1.657	7.43 ft ² / 0.69 m ²
6VNMNATE120	120	136.44	1.529	7.43 ft ² / 0.69 m ²
6VNMNATE140	140	112.92	1.378	7.43 ft ² / 0.69 m ²
6VNMNATE170	170	95.22	0.971	7.43 ft ² / 0.69 m ²
6VNMNATE200	200	80.14	0.752	7.43 ft ² / 0.69 m ²
6VNMNATE230	230	68.30	0.653	7.43 ft ² / 0.69 m ²
6VNMNATE270	270	56.45	0.544	7.43 ft ² / 0.69 m ²
6VNMNATE325	325	42.56	0.434	7.43 ft ² / 0.69 m ²

For further clarification regarding the API 13C screen labelling practice and other API compliant screens, please contact your local Brandt representative.

Specifications and Dimensions

API availability	50, 80, 100, 120, 140, 170, 200, 230, 270, 325
Cut point range	301.61 µm - 42.56 µm (based on API selected)
NBOA	7.43 ft ² / 0.69 m ²
Dimensions	49 in x 25 in x 2.25 in (1250 mm x 635 mm x 57 mm)
Weight	33 lbs (15 kg)
Max operating temp*	212°F (100°C)

*The max operating temperature is dependent on chemical composition of the drilling fluid. Certain additions, such as glycol, can have a negative effect on the seal material and glue adhesion combination and cause premature failure.