



# ***SCREEN TECHNOLOGY***

***API RP 13C (ISO 13501) COMPLIANT SCREENS***



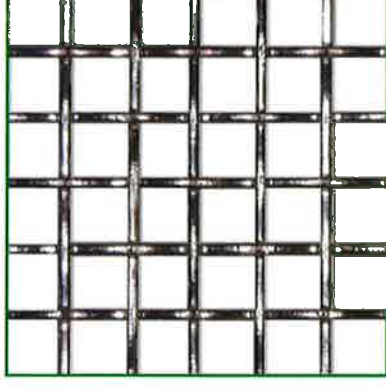
***ACCELERATING  
SEPARATION TECHNOLOGY™***

# DERRICK SCREEN CLOTH

# SCREEN PAIR CONS'

## **Extra Fine (DX™) Cloth**

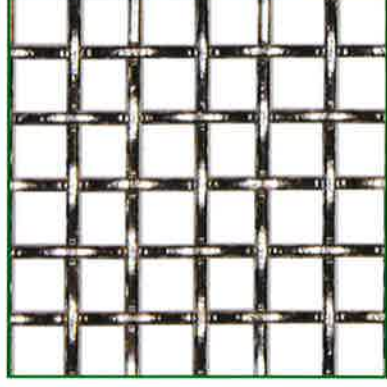
The Derrick (DX™) Extra Fine cloth series is used on the first multiple layer (Sandwich™) screens. The DX cloth is designed to maximize capacity, maintain cut point integrity, and minimize nearsize particle blinding.



DX™

## **Fine (DF™) Cloth**

The Derrick (DF™) cloth has a slightly larger wire diameter than the DX cloth, but is thinner than market grade and tensile bolting cloth. The DF cloth is designed to maximize screen life, maintain cut point integrity and minimize nearsize particle blinding.



DF™



PMD™



PMD+™

# REPLACEMENT SCREENS FOR DERRICK SHAKERS

Dilution and disposal costs are minimized with Derrick state-of-the-art screen surface technology. Combining high G-force vibrating motors with Derrick's exclusive Pyramid Screen technology significantly improves solids separation. Integrating the industry's latest advancements in screen surface design – higher capacity, longer screen life and optimal solids removal efficiency – Derrick screens can dramatically reduce operating costs.

## Hyperpool® Series

Derrick's Hyperpool performance is optimized through the installation of Pyramid screens, permitting the use of finer mesh sizes at higher capacities. The Hyperpool's innovative screen compression system drives the center of the screen panel downward, firmly sealing the screen panel to the screen frame. Compression benefits include extended screen life, improved conveyance, elimination of ultra fine solids bypassing under screen panels and faster and more user-friendly screen changes than any other shaker in the Derrick product line.



**API RP 13C (ISO 13501)**  
Non - Blanked Open Screen Area

	PMD	PMD+
Hyperpool	22.24 sq. ft.	30.24 sq. ft.

## 600 Series

Derrick's 600 Series screens, available in Pyramid Plus panels, are used on 600 series shakers. The DP 600's innovative screen compression system drives the screen panel downward, firmly sealing the panel to the screen frame. Compression benefits include extended screen life, improved elimination of ultra fine solids bypassing under screen panels and fast, user-friendly screen changes. Derrick's long-life urethane panels are available on models equipped with the scalping deck.



**API RP 1**  
Non - Blanked Open Screen Area

	PMD	PMD+
DP 616	24.18 sq. ft.	32.10 sq. ft.
DP 626	24.18 sq. ft.	32.10 sq. ft.
DP 618	32.24 sq. ft.	42.80 sq. ft.
DP 628	32.24 sq. ft.	42.80 sq. ft.



# AVAILABLE DERRICK PANELS

# AVAILABLE AFTER-MARK

API RP 13C NON-BLANKED OPEN AREA (SQ. FT.)

48x30'		500 Series <sup>3</sup>			600 Series <sup>3</sup>			Hyperpool <sup>4</sup>			
DX	HP	DF	DX	HP	DF	DX	HP	DF	DX	HP	DF
5.3	5.3	5.3	4.05	4.05	4.05	-	-	-	-	-	-
5.72	6.95	5.90	4.96	5.74	4.14	4.03	-	4.13	5.56	5.76	-
9.30	9.60	9.53	9.63	7.79	9.86	5.35	-	5.47	7.56	7.74	-

= PWP    ▲ = PMD    ▲ = PMD+    ● = HT    ▲ = PWP    ▲ = PMD    ▲ = PMD+    ● = HT

API RP 13C DESIGNATION		CONDUCTANCE NUMBER										API RP 13C DESIGNATION		
Screen Designation	API RP 13C Designation	Microns	PWP™	PMD™	PMD+™	48x30'	500 Series <sup>3</sup>	600 Series <sup>3</sup>	Hyperpool <sup>4</sup>	500 Series <sup>3</sup>	600 Series <sup>3</sup>	Hyperpool <sup>4</sup>	Screen Designation	API RP 13C Designation
DX-A200	API 200	73.3	0.72	0.92	1.4	▲	▲	▲	▲	▲	▲	▲	DX-A200	API 200
DX-A170	API 170	85.4	0.83	1.24	1.74	▲	▲	▲	▲	▲	▲	▲	DX-A170	API 170
DX-A140	API 140	104	1.14	1.76	2.57	▲	▲	▲	▲	▲	▲	▲	DX-A140	API 140
DX-A120	API 120	117.8	1.30	1.69	2.61	▲	▲	▲	▲	▲	▲	▲	DX-A120	API 120
DX-A100	API 100	142	1.66	2.14	3.43	▲	▲	▲	▲	▲	▲	▲	DX-A100	API 100
DX-A80	API 80	170.4	2.11	2.89	4.81	▲	▲	▲	▲	▲	▲	▲	DX-A80	API 80
DX-A70	API 70	202.7	2.39	3.53	5.6	▲	▲	▲	▲	▲	▲	▲	DX-A70	API 70
DX-A60	API 60	243.7	3.06	4.29	6.91	▲	▲	▲	▲	▲	▲	▲	DX-A60	API 60
DX-A50	API 50	288.5	3.69	5.44	8.34	▲	▲	▲	▲	▲	▲	▲	DX-A50	API 50
DX-A45	API 45	341.1	6.20	6.15	9.02	▲	▲	▲	▲	▲	▲	▲	DX-A45	API 45
DX-A40	API 40	411.7	8.05	7.00	10.53	▲	▲	▲	▲	▲	▲	▲	DX-A40	API 40
DX-A35	API 35	477.5	9.19	7.35	11.59	▲	▲	▲	▲	▲	▲	▲	DX-A35	API 35
HP-A325	API 325	44.5	0.48	0.61	0.91	▲	▲	▲	▲	▲	▲	▲	HP-A325	API 325
HP-A270	API 270	52.5	0.47	0.54	0.90	▲	▲	▲	▲	▲	▲	▲	HP-A270	API 270
HP-A230	API 230	61	0.46	0.59	1.03	▲	▲	▲	▲	▲	▲	▲	HP-A230	API 230
HP-A200	API 200	71.7	0.68	1.06	1.49	▲	▲	▲	▲	▲	▲	▲	HP-A200	API 200
HP-A170	API 170	88.4	0.78	1.33	1.95	▲	▲	▲	▲	▲	▲	▲	HP-A170	API 170
HP-A140	API 140	100.6	1.16	1.72	2.58	▲	▲	▲	▲	▲	▲	▲	HP-A140	API 140
HP-A120	API 120	117.8	1.34	2.33	3.40	▲	▲	▲	▲	▲	▲	▲	HP-A120	API 120
HP-A100	API 100	142.7	1.99	3.03	4.41	▲	▲	▲	▲	▲	▲	▲	HP-A100	API 100
HP-A80	API 80	166.6	2.34	3.43	5.08	▲	▲	▲	▲	▲	▲	▲	HP-A80	API 80
HP-A70	API 70	197.7	3.36	4.55	6.45	▲	▲	▲	▲	▲	▲	▲	HP-A70	API 70
HP-A60	API 60	238.4	4.54	5.31	7.83	▲	▲	▲	▲	▲	▲	▲	HP-A60	API 60
HP-A50	API 50	276	5.40	5.74	8.38	▲	▲	▲	▲	▲	▲	▲	HP-A50	API 50
HP-A45	API 45	331.4	8.46	6.64	9.84	▲	▲	▲	▲	▲	▲	▲	HP-A45	API 45
HP-A40	API 40	445.1	10.71	8.60	11.75	▲	▲	▲	▲	▲	▲	▲	HP-A40	API 40

DX SERIES

HP SERIES



Separation technology is Derrick's business. We live it. We deliver it. We support it. And we're the best at it because it's all we do. It's been that way for more than 60 years. And as our distribution and support network has grown to cover the globe, so has our range of machines. Always searching for new and better ways to serve our customers through effective mechanical processing is a way of life at Derrick. We're proud of what we do. And so are our customers!



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