

RHINO HYDE® **RhinoGrid™**

Polyurethane
Hook Screen Panels

The **RhinoGrid™** urethane hook screen panel is an exclusive patented system that combines the positive aspects of traditional woven wire screen cloth with the anti-blinding and long wear characteristics of urethane.

The heavy-duty 1/4" steel mesh support grid replaces the cable used on standard tension screens. This results in an extremely rigid, structurally superior screening surface that does not require any center hold-down fastening (panels less than 4' width). The superiority of this design also allows full compatibility with all hook screen decks regardless of crown bar size or locations.

Benefits include:

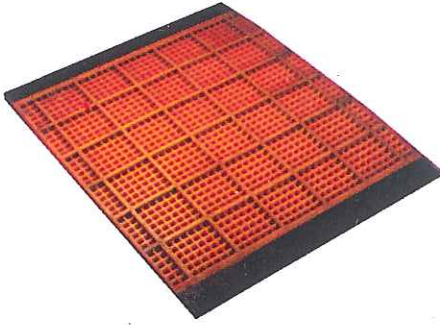
- ▶ ***Drastically improved wear*** (6 to 10 times longer than wire)
- ▶ ***NO conversion costs*** (installs just like wire panels)
- ▶ ***Increased open area %*** (compared to urethane modulars)
- ▶ ***Significant cost savings*** (less down-time, labor, and inventory)

The Rhino Hyde Products division of Tandem Products is a leading manufacturer of mining industry polyurethane products with over 30 years of experience. The RhinoGrid hook screen system has been developed utilizing this knowledge.

MAKE THE GRADE WITH RHINOGRID !

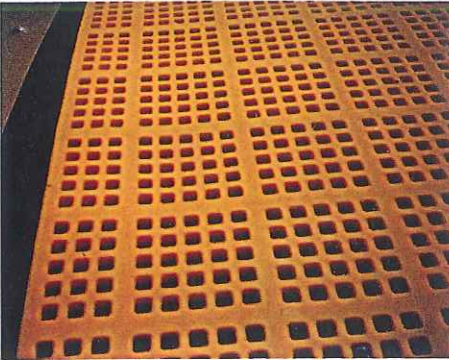
RHINO HYDE®

The RhinoGrid in Action



A look at the underlying support structure of the RhinoGrid.

Tapered apertures help eliminate near size blinding.



Unlike standard tension mats, the RhinoGrid extends all the way to the hooks, thereby increasing the open area.

RHINOGRID TOOLING LIST

NOMINAL OPENING	SCREEN THICKNESS	DECIMAL OPENING	TOOLING NUMBER	TOOLING OPEN AREA
3/32" SQ.	[126]	1.0"	.100 (2.5mm)	TAN-265 16.8%
1/8" SQ.	[230]	1.0"	.138 (3.5mm)	TAN-252 18.6%
5/32" SQ.	[120]	1.0"	.177 (4.5mm)	TAN-263 23.4%
5/32" SQ. -FLEX-	[140]	1.0"	.156 (4mm)	TAN-892 21.0%
3/16" SQ.	[202]	1.0"	.218 (5.5mm)	TAN-261 30.6%
1/4" SQ.	[200]	1.0"	.275 (7mm)	TAN-250 34.8%
5/16" SQ.	[210]	1.0"	.335 (8.5mm)	TAN-249 34.6%
3/8" SQ.	[215]	1.0"	.394 (10mm)	TAN-248 37.8%
7/16" SQ.	[196]	1.0"	.472 (12mm)	TAN-264 41.5%
1/2" SQ.	[195]	1.0"	.531 (13.5mm)	TAN-266 38.6%
9/16" SQ.	[100]	1.0"	.585 (14.8mm)	TAN-590 46.9%
5/8" SQ.	[210]	1.0"	.640 (16mm)	TAN-243 39.0%
3/4" SQ.	[120]	1.0"	.787 (20mm)	TAN-267 46.8%
7/8" SQ.	[180]	1.0"	.875 (22.2mm)	TAN-268 46.6%
1.0" SQ.	[121]	1.0"	1.00 (25.4mm)	TAN-269 48.4%
1 1/8" SQ.	[180]	1.0"	1.12 (28.5mm)	TAN-270 43.3%
1 1/4" SQ.	[120]	1.0"	1.25 (32mm)	TAN-260 42.5%
1 3/8" SQ.	[140]	1.0"	1.38 (35mm)	TAN-606 51.5%
1 1/2" SQ.	[225]	1 1/2"	1.50 (38mm)	TAN-271 44.4%
1 3/4" SQ.	[170]	1 1/2"	1.75 (44.5mm)	TAN-272 46.6%
1 7/8" SQ.	[60]	1 1/2"	1.875 (48mm)	TAN-796 42.5%
2.0 SQ.	[460]	1 1/2"	2.0 (51mm)	TAN-262 44.4%
2 1/2" SQ.	[75]	2"	2.50 (63.5mm)	TAN-605 51%
3" SQ.	[SOFT]	2"	3.0 (76mm)	TAN-760 N/A
4" SQ.	[SOFT]	3"	4.0 (101mm)	TAN-813 N/A

SLOTTED OPENINGS

1.00mm X 25.4mm	[120]	1.0"	.039 X 1.00	TAN-276 15.4%
1.25mm X 25.4mm	[204]	1.0"	.049 X 1.00	TAN-277 17.9%
1.50mm X 25.4mm	[124]	1.0"	.059 X 1.00	TAN-278 19.8%
2.00mm X 25.4mm	[125]	1.0"	.079 X 1.00	TAN-279 22.8%
2.5mm X 25.4mm	[150]	1.0"	.093 X 1.00	TAN-347 27.7%
3.2mm X 25.4mm	[175]	1.0"	.125 X 1.00	TAN-339 32.4%
4.00mm X 25.4mm	[200]	1.0"	.157 X 1.00	TAN-411 35.9%
4.75mm X 25.4mm	[125]	1.0"	.187 X 1.00	TAN-547 39.9%
6.35mm X 25.4mm	[150]	1.0"	.250 X 1.00	TAN-412 41.9%
9.5mm X 25.4mm	[128]	1.0"	.375 X 1.00	TAN-656 45.7%

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Rhino Hyde Urethane Liners



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