

Mat Layout Procedure

1. Sketch total area to be guarded.
2. Locate desired mounting position of mat controller.
3. List mat sizes and styles desired to completely guard the hazardous zone.
4. If area to guard is too complex to determine mat sizes, submit drawing to the factory.

Mat Sizes - Inches/Millimeters

Standard Mat Widths (A)

12" / 305mm	48" / 1219mm
18" / 457mm	54" / 1372mm
24" / 610mm	60" / 1524mm
30" / 762mm	66" / 1676mm
36" / 914mm	72" / 1829mm
42" / 1067mm	

Standard Mat Lengths (B)

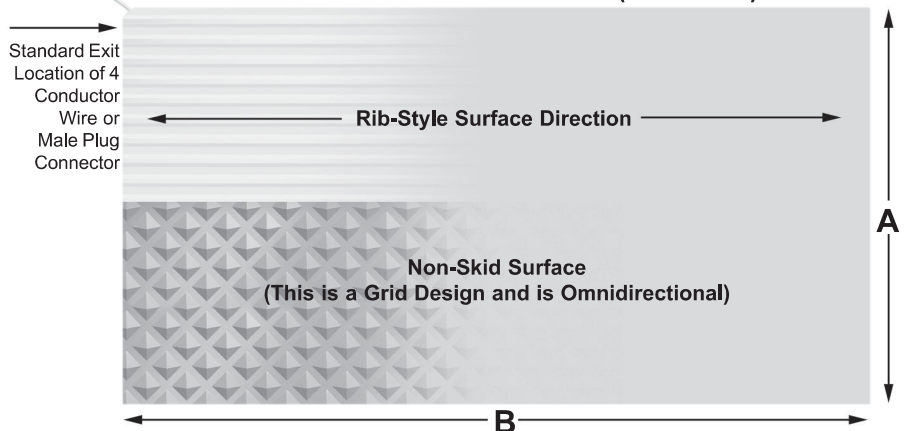
12" / 305mm	84" / 2134mm
18" / 457mm	90" / 2286mm
24" / 609mm	96" / 2438mm
30" / 762mm	102" / 2591mm
36" / 914mm	108" / 2743mm
42" / 1067mm	114" / 2896mm
48" / 1219mm	120" / 3048mm
54" / 1372mm	126" / 3200mm
60" / 1524mm	132" / 3353mm
66" / 1676mm	138" / 3505mm
72" / 1829mm	144" / 3658mm
78" / 1981mm	

R—Rib Style Surface

N—Non Skid Surface

H—High Temperature/Wet Environment Surfaces

Mat Orientation and Wire Exit (Plan View)



Ordering Your Mat Assembly

**Example
Part #**

N - Y - 60 - 96 - P - 20 - S

Mat Style	Mat Color	Mat Width Dimension "A"	Mat Length Dimension "B"	Mat Wiring Style	Mat Wire* Length	Specials (Optional)
R -Ribbed Surface	B -Black	12, 18, 24,	12, 18, 24, 30	W -Hard wire lead from	W -For wire leads. Order in	S -Designates a
N -Non-Skid Surface	Y -Yellow	30, 36, 42,	36, 42, 48, 54	mat to mat controller.	feet: 20' feet supplied standard.	special size,
H -High Temp Surface		48, 54, 60,	60, 66, 72, 78	P -Plug connector at mat	Specify longer lengths if	cut, contour,
(Excellent for weld		66, 72	84, 90, 96, 102,	with hard wire lead to mat	needed: 100' maximum.	hole, notch,
splatter, molten plastic,			108, 114, 120,	controller.	P -For plug connector mat with	angle or wire
die casting, forging			126, 132, 138,	R -Plug connector at mat	hard wire lead to mat controller.	exit location in
operations, and wet			144	with plug extension to mat	Order in feet; 20' supplied	the mat.
environments)				controller receptacle	standard. Extension lengths	Please submit
				(requires plug receptacle	available: 10', 15', 20', 25', 50'.	drawing.
				on mat controller).	R -Select plug extension length	
					in feet. Lengths available	
					include 10', 15', 20', 25'.	

(Substitute specific sizes if needed)

EXAMPLE — Part # N-Y-60-96-P-20 is a non-skid surface yellow mat 60' wide and 96' long with a plug connector. The plug extension is 20' long and will terminate at the mat control box. Plug receptacle mounted on control panel optional. Refer to mat controller ordering procedure section.

***MAT WIRING** — Individual mat homerun wiring or plug extensions back to the control box are required for easing installation and diagnostics for maintenance troubleshooting. This will eliminate cumbersome "daisy chain" wiring practices of mat systems. It also eliminates numerous wiring connection points buried under the perimeter trim which are time intensive to troubleshoot.

SPECIALS...The Customat™ series

The ultimate customized mat system in the industry. Also available with the smart "Intelligent Matting™" capability. This series can provide customized mats, machine inlays, customized activation thresholds, wire exits, etc. Submit drawing and requirements to factory.

Name: _____

Company: _____

Phone: _____

Email: _____

Fax: _____

Address: _____

City: _____

State: _____

Zip: _____

Mat Style	Mat Color	Mat Width Dimension "A"	Mat Length Dimension "B"	Mat Wiring Style	Mat Wire* Length	Specials (Optional)
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