

### Standard Perforated Patterns

PERFORATION	OPEN AREA	PDF DRAWING
.020" Diameter Hole X .043" Staggered Reverse	22%	
.026" Diameter Hole X .040" Staggered	38%	
.034" Diameter Hole X .250" Staggered Reverse	3%	
.040" Diameter Hole X .059" Staggered	42%	
.040" Diameter Hole X .066" Straight	29%	
.040" Diameter Hole X .088" Straight	33%	
.045" Diameter Hole X .066" Straight	36%	
.045" Diameter Hole X .088" Straight	24%	
.050" Diameter Hole X .141" Reverse	6.40%	P302
.052" Diameter Hole X .437" Diagonal	1%	
.062" Diameter Hole X .093" Staggered	40%	
.063" Diameter Hole X .125" Staggered	22%	
.066" Diameter Hole X .125" Staggered	25%	P305
.075" Diameter Hole X .100" Staggered	51%	P303
.079" Diameter Hole X .109" Staggered	46%	
.078" Diameter Hole X .125" Staggered	20.3%	P307
.078" Diameter Hole X .250" Staggered	9%	
.085" Diameter Hole X .140" Staggered	33%	
.094" Diameter Hole X .156" Staggered	33%	
.093" Diameter Hole X .188" Diagonal	20%	
.093" Diameter Hole X .188" Staggered	23%	P304
.093" Diameter Hole X .250" Reverse	12.5%	P301
.109" Diameter Hole X .188" Staggered	31%	
.125" Diameter Hole X .188" Staggered	40%	
.125" Diameter Hole X .218" Staggered	30%	
.125" Diameter Hole X .250" Diagonal	20%	
.125" Diameter Hole X .250" Staggered	23%	
.125" Diameter Hole X .250" Staggered Reverse	23%	
.127" Diameter Hole X .188" Staggered	41.3%	P300
.127" Diameter Hole X .218" Staggered	30.8%	P306
.127" Diameter Hole X .250" Staggered	23.40%	P308
.156" Diameter Hole X .188" Staggered	62%	

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PERFORATION	OPEN AREA	PDF DRAWING
.156" Diameter Hole X .218" Staggered	46%	
.156" Diameter Hole X .250" Staggered Reverse	35%	
.156" Diameter Hole X .312" Staggered	23%	
.188" Diameter Hole X .312" Staggered	33%	
.187" Diameter Hole X .250" Staggered	51%	
.187" Diameter Hole X .250" Staggered Reverse	51%	
.188" Diameter Hole X .375" Staggered	23%	
.188" Diameter Hole X .375" Staggered Reverse	23%	
.187" Diameter Hole X .437" Staggered	17%	
.250" Diameter Hole X .312" Staggered	58%	
.250" Diameter Hole X .375" Staggered	40%	
.312" Diameter Hole X .437" Staggered	46%	

**Note:** Each perforation pattern has gauge and width limitations. Metalex has in-house capability to build dies to your specifications.