AURY
Africa (Pty) Ltd

Screen Specification Table

Wire vs Aperture & Open Area



www.auryscreeningsolutions.co.za

AURY
Africa (Pty) Ltd

Wire Diameter →	1.20 mm		1.60 mm		1.80 mm		2.00 mm		2.50 mm		2.60 mm		3.15 mm		4.00 mm		4.50 mm		4.80 mm		5.00 mm		5.80 mm	
Aperture in mm ↓		% OPEN AREA		% OPEN AREA		% OPEN AREA		% OPEN AREA		% OPEN AREA		% OPEN AREA		% OPEN AREA		% OPEN AREA		% OPEN AREA		% OPEN AREA		% OPEN AREA		% OPEN AREA
120,00																								
110,00																								
100,00																								
90,00																								
85,00																								
80,00																								
75,00																								
70,00																								
63,00																								
60,00																87,90%		86,50%		85,70%		85,20%		83,10%
55,00																86,90%		85,40%		84,60%		84,00%		81,80%
53,00																86,50%		85,00%		84,10%		83,50%		81,20%
50,00														88,50%		85,70%		84,20%		83,20%		82,60%		80,30%
45,00														87,30%		84,30%		82,60%		81,70%		81,00%		78,50%
44,00														87,10%		84,00%		82,30%		81,30%		80,60%		78,10%
42,00														86,50%		83,40%		81,60%		80,50%		79,90%		77,20%
40,00														85,90%		82,60%		80,80%		79,70%		79,00%		76,30%
38,00														85,30%		81,90%		79,90%		78,80%		78,10%		75,30%
36,00														84,60%		81,00%		79,00%		77,90%		77,10%		74,20%
35,00														84,20%		80,50%		78,50%		77,30%		76,60%		73,60%
32,00														82,90%		79,00%		76,90%		75,60%		74,80%		71,70%
30,00		92,50%		90,10%		89,00%		87,90%		85,20%		84,70%		81,90%		77,90%		75,60%		74,30%		73,50%		70,20%
28,00		91,90%		89,50%		88,30%		87,10%		84,30%		83,70%		80,80%		76,60%		74,20%		72,90%		72,00%		68,60%
26,00		91,40%		88,70%		87,50%		86,20%		83,20%		82,60%		79,60%		75,10%		72,70%		71,30%		70,30%		66,80%
25,00		91,00%		88,30%		87,00%		85,70%		82,60%		82,00%		78,90%		74,30%		71,80%		70,40%		69,40%		65,90%
24,00		90,70%		87,90%		86,50%		85,20%		82,00%		81,40%		78,10%		73,50%		70,90%		69,40%		68,50%		64,90%
22,00		89,90%		86,90%		85,40%		84,00%		80,60%		80,00%		76,50%		71,60%		68,90%		67,40%		66,40%		62,60%
21,00		89,50%		86,30%		84,80%		83,40%		79,90%		79,20%		75,60%		70,60%		67,80%		66,30%		65,20%		61,40%
20,00		89,00%		85,70%		84,20%		82,60%		79,00%		78,30%		74,60%		69,40%		66,60%		65,00%		64,00%		60,10%
19,00		88,50%		85,10%		83,40%		81,90%		78,10%		77,40%		73,60%		68,20%		65,40%		63,70%		62,70%		58,70%
16,00		86,50%		82,60%		80,80%		79,00%		74,80%		74,00%		69,80%		64,00%		60,90%		59,20%		58,00%		53,90%
14,00		84,80%		80,50%		78,50%		76,60%		72,00%		71,10%		66,60%		60,50%		57,30%		55,50%		54,30%		50,00%
13,00		83,80%		79,30%		77,20%		75,10%		70,30%		69,40%		64,80%		58,50%		55,20%		53,30%		52,20%		47,80%
12,00		82,60%		77,90%		75,60%		73,50%		68,50%		67,60%		62,70%		56,30%		52,90%		51,00%		49,80%		45,40%
11,00		81,30%		76,20%		73,90%		71,60%		66,40%		65,40%		60,40%		53,80%		50,40%		48,50%		47,30%		
10,00		79,70%		74,30%		71,80%		69,40%		64,00%		63,00%		57,80%		51,00%		47,60%		45,70%		44,40%		
9,50		78,80%		73,20%		70,70%		68,20%		62,70%		61,60%		56,40%		49,50%								
9,00		77,90%		72,10%		69,40%		66,90%		61,20%		60,20%		54,90%		47,90%								
8,00		75,60%		69,40%		66,60%		64,00%		58,00%		57,00%		51,50%		44,40%								
7,50		74,30%		67,90%		65,00%		62,30%		56,30%		55,10%		49,60%		42,50%								
7,00		72,90%		66,30%		63,30%		60,50%		54,30%		53,20%		47,60%		40,50%								
6,30		70,60%		63,60%		60,50%		57,60%		51,30%		50,10%		44,40%		37,40%								
6,00		69,40%		62,30%		59,20%		56,30%		49,80%		48,70%		43,00%		36,00%								
5,50		67,40%		60,00%		56,80%		53,80%		47,30%		46,10%		40,40%										
5,00		65,00%		57,40%		54,10%		51,00%		44,40%		43,30%		37,60%										
4,50		62,30%		54,40%		51,00%		47,90%		41,30%		40,20%												
4,00		59,20%		51,00%		47,60%		44,40%		37,90%		36,70%												
3,55		55,90%		47,50%		44,00%		40,90%																
3,30		53,80%		45,40%		41,90%		38,80%																
3,15		52,40%		44,00%		40,50%		37,40%																
3,00		51,00%		42,50%		39,10%		36,00%																
2,00		39,10%		30,90%																				
1,60		32,70%																						
Wire Diameter →	1.20 mm		1.60 mm		1.80 mm		2.00 mm		2.50 mm		2.60 mm		3.15 mm		4.00 mm		4.50 mm		4.80 mm		5.00 mm		5.80 mm	



AURY
Africa (Pty) Ltd

.00 mm		6.30 mm		7.00 mm		7.10 mm		7.50 mm		8.00 mm		9.00 mm		9.50 mm		10.00 mm		11.20 mm		12.00 mm		12.50 mm		Wire Diameter ←
	% OPEN AREA		% OPEN AREA		% OPEN AREA		% OPEN AREA		% OPEN AREA		% OPEN AREA		% OPEN AREA		% OPEN AREA		% OPEN AREA		% OPEN AREA		% OPEN AREA		% OPEN AREA	Aperture in mm ↓
	90,70%		90,30%		89,30%		89,10%		88,60%		87,90%		86,50%		85,90%		85,20%		83,70%		82,60%		82,00%	120,00
	89,90%		89,50%		88,40%		88,20%		87,60%		86,90%		85,40%		84,70%		84,00%		82,40%		81,30%		80,60%	110,00
	89,00%		88,50%		87,30%		87,20%		86,50%		85,70%		84,20%		83,40%		82,60%		80,90%		79,70%		79,00%	100,00
	87,90%		87,30%		86.1.%		85,90%		85,20%		84,30%		82,60%		81,80%		81,00%		79,10%		77,90%		77,10%	90,00
	87,20%		86,70%		85,40%		85,20%		84,40%		83,50%		81,80%		80,90%		80,10%		78,10%		76,80%		76,00%	85,00
	86,50%		85,90%		84,60%		84,40%		83,60%		82,60%		80,80%		79,90%		79,00%		76,90%		75,60%		74,80%	80,00
	85,70%		85,10%		83,70%		83,50%		82,60%		81,70%		79,70%		78,80%		77,90%		75,70%		74,30%		73,50%	75,00
	84,80%		84,20%		82,60%		82,40%		81,60%		80,50%		78,50%		77,50%		76,60%		74,30%		72,90%		72,00%	70,00
	83,40%		82,60%		81,00%		80,80%		79,90%		78,70%		76,60%		75,50%		74,50%		72,10%		70,60%		69,60%	63,00
	82,60%		81,90%		80,20%		80,00%		79,00%		77,90%		75,60%		74,50%		73,50%		71,00%		69,40%		68,50%	60,00
	82,60%		80,50%		78,70%		78,40%		77,40%		76,20%		73,90%		72,70%		71,60%		69,00%		67,40%		66,40%	55,00
	80,70%		79,90%		78,00%		77,80%		76,70%		75,50%		73,10%		71,90%		70,80%		68,20%		66,50%		65,50%	53,00
	79,70%		78,90%		76,90%		76,70%		75,60%		74,30%		71,80%		70,60%		69,40%		66,70%		65,00%		64,00%	50,00
	77,90%		76,90%		74,90%		74,60%		73,50%		72,10%		69,40%		68,20%		66,90%		64,10%		62,30%			45,00
	77,40%		76,50%		74,40%		74,10%		73,00%		71,60%		68,90%		67,60%		66,40%		63,50%		61,70%			44,00
	76,60%		75,60%		73,50%		73,20%		72,00%		70,60%		67,80%		66,50%		65,20%		62,30%		60,50%			42,00
	75,60%		74,60%		72,40%		72,10%		70,90%		69,40%		66,60%		65,30%		64,00%		61,00%		59,20%			40,00
	74,60%		73,60%		71,30%		71,00%		69,80%		68,20%		65,40%		64,00%		62,70%							38,00
	73,50%		72,40%		70,10%		69,80%		68,50%		66,90%		64,00%		62,60%		61,20%							36,00
	72,90%		71,80%		69,40%		69,10%		67,80%		66,30%		63,30%		61,90%		60,50%							35,00
	70,90%		69,80%		67,30%		67,00%		65,60%		64,00%		60,90%		59,50%		58,00%							32,00
	69,40%		68,30%		65,70%		65,40%		64,00%		62,30%		59,20%		57,70%		56,30%							30,00
	67,80%		66,60%		64,00%		63,60%		62,20%		60,50%		57,30%		55,80%									28,00
	66,00%		64,80%		62,10%		61,70%		60,20%		58,50%		55,20%		53,60%									26,00
	65,00%		63,80%		61,00%		60,70%		59,20%		57,40%		54,20%		52,50%									25,00
	64,00%		62,70%		59,90%		59,60%		58,00%		56,30%		52,90%											24,00
	61,70%		60,40%		57,60%		57,20%		55,60%		53,80%													22,00
	60,50%		59,20%		56,30%		55,90%		54,30%		52,40%													21,00
	59,20%		57,80%		54,90%		54,50%		52,90%		51,00%													20,00
	57,80%		56,40%		53,40%		53,00%		51,40%		49,50%													19,00
	52,90%		51,50%																					16,00
	49,00%		47,60%																					14,00
	46,80%																							13,00
	44,40%																							12,00
																								11,00
																								10,00
																								9,50
																								9,00
																								8,00
																								7,50
																								7,00
																								6,30
																								6,00
																								5,50
																								5,00
																								4,50
																								4,00
																								3,55
																								3,30
																								3,15
																								3,00
																								2,00
																								1,60
.00 mm		6.30 mm		7.00 mm		7.10 mm		7.50 mm		8.00 mm		9.00 mm		9.50 mm		10.00 mm		11.20 mm		12.00 mm		12.50 mm		Wire Diameter ←





Contact us

Aury Africa (Pty) Ltd

Johannesburg Office
28 Fuchs Street, Alrode
T: +27 11 026 6642
E: sales@auryafrica.co.za

eMalahleni (Witbank)
Office 307
Smokey Mountain Office Village
23 Corridor Crescent
eMalahleni
T: +27 13 656 0572

www.auryscreeningsolutions.co.za

AURY
Africa (Pty) Ltd