

Application: Glazed areas, low walls, long runs or as a feature

Solray Gilled Tube provides an efficient, space saving and attractive heat emitter.

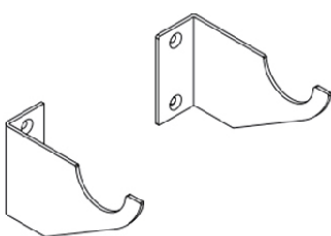
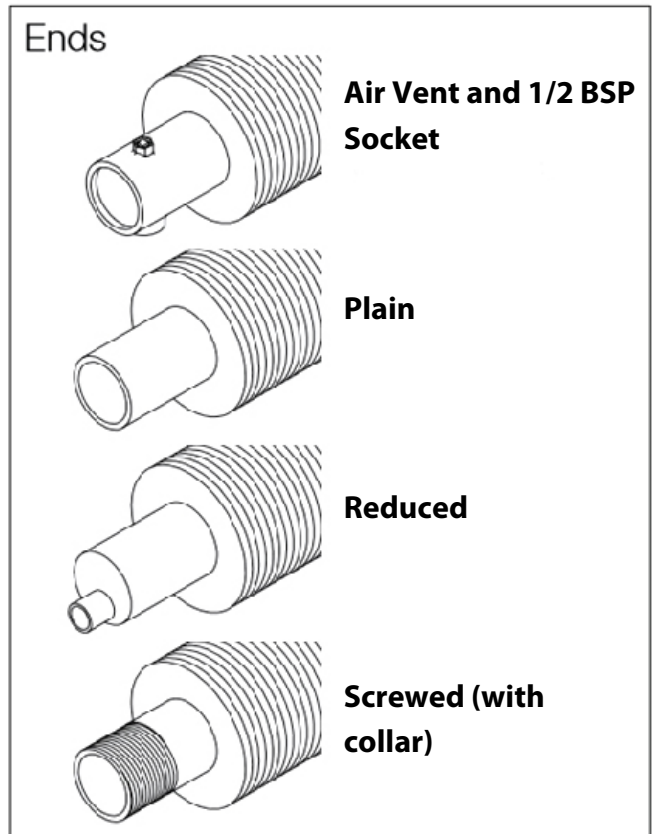
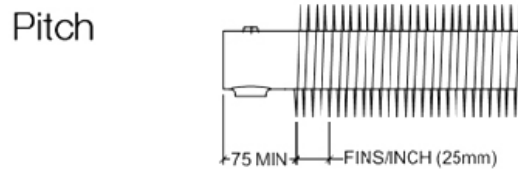
Available in a wide variety of pipe diameters, lengths, and RAL colours, Solray Gilled Tubes can be joined together into long runs to cater for almost all situations.

Solray Gilled Tube is manufactured in our Swansea factory by special purpose machines which wind a steel strip onto medium or heavy weight steel tubes in a continuous spiral.

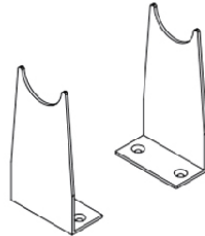
The fin has a semi-flat profile with a regular crimped contact area resulting in a perfect mechanical bond all along the fin. Additionally, the fins are welded to the tube at each end which means the heat transfer properties will not deteriorate or loosen over time even in the most severe conditions.

Solray Gilled Tube can be supplied in nominal lengths of 0.5m, 1.0m, 1.5m, 2.0m, 2.5m and 3.0m. Bespoke lengths and heavy weight BS 1387 tube are available on request.

Floor or wall mounting brackets are available and can be powder coated to match the colours chosen for the tubes.



Wall Brackets



Floor Brackets

Gilled Tube

Solray Gilled Tube Technical Specifications

- Manufactured from Schedule 40 seamless steel tube
- All steel continuous gilling
- Perfect mechanical bonding of gills onto pipe
- Plain, Screwed, or reduced Tube ends
- Powder coated to any RAL colour.
- Individual lengths up to 3m

Nominal Bore: 32mm (1.25") with 19mm fins

Pitch: 5 Fins Per Inch

Dry weight/M: 7.9 KG

Total diameter: 80mm

Output in Watts /		Mean Water Temperature (°C)					
Metre		60	62.5	67.5	70	75	80
Ambient Temp °C	18	389	436	499	517	584	651
	19	377	422	483	502	572	638
	20	365	407	468	486	559	626
	21	356	396	458	477	547	614
	22	347	385	448	468	535	602

Pitch: 4 Fins Per Inch

Dry weight/M: 7.1 KG

Total diameter: 80mm

Output in Watts /		Mean Water Temperature (°C)					
Metre		60	62.5	67.5	70	75	80
Ambient Temp °C	18	317	356	407	422	476	531
	19	308	344	394	409	466	521
	20	298	332	382	397	456	511
	21	290	323	374	389	446	501
	22	283	314	366	382	436	491

Nominal Bore: 50mm (2") with 25 mm fins

Pitch: 4 Fins Per Inch

Dry weight/M: 11.2 KG

Total diameter: 111mm

Output in Watts /		Mean Water Temperature (°C)					
Metre		60	62.5	67.5	70	75	80
Ambient Temp °C	18	502	563	644	667	754	840
	19	487	545	624	648	738	824
	20	471	526	604	628	722	809
	21	459	512	592	616	707	793
	22	447	497	579	604	697	777

Pitch: 3 Fins Per Inch

Dry weight/M: 9.65 KG

Total diameter: 111mm

Output in Watts /		Mean Water Temperature (°C)					
Metre		60	62.5	67.5	70	75	80
Ambient Temp °C	18	352	394	451	468	528	589
	19	341	382	437	454	517	578
	20	330	369	424	440	506	567
	21	322	359	415	432	495	556
	22	314	348	405	424	484	545

Gilled Tube

Other sizes, fins and pitches available on request

TUBE NOM. BORE	HEIGHT OF FINS	O/DIA OF GILLS	FINS PER INCH (25mm)	OUTPUT AT 82°C / 71°C WATTS / M	WEIGHT KGS
					PER METRE
1/2" 15mm	1/2" 12.7mm	1 3/4" 45mm	7	316	3.21
			6	277	3.12
			5	230	2.81
			4	129	2.48
3/4" 20mm	1/2" 12.7mm	2" 51mm	7	368	4.95
			6	320	4.55
			5	272	4.25
			4	220	3.20
1" 25mm	3/4" 19mm	3/4" 70mm	6	640	7.44
			5	535	6.49
			4	435	5.95
			3	335	4.76
1 1/4" 32mm	3/4" 19mm	3 5/32" 80mm	6	718	9.00
			5	608	7.90
			4	496	7.10
			3	382	6.10
1 1/4" 32mm	1" 25.4mm	3 5/8" 93mm	4	640	7.88
			3	490	6.70
1 1/2" 40mm	3/4" 19mm	3 3/8" 86mm	6	775	10.47
			5	650	9.31
			4	530	8.18
			3	410	7.07
1 1/2" 40mm	1" 25.4mm	3 7/8" 98mm	4	690	8.70
			3	530	7.40
			2	370	6.12
2" 50mm	3/4" 19mm	3 7/8" 98mm	4	608	10.42
			3	470	9.08
			2	320	7.74
2" 50mm	1" 25.4mm	4 3/8" 111mm	4	785	11.20
			3	550	9.65
			2	391	8.20
2 1/2" 65mm	3/4" 19mm	4 1/2" 114mm	4	710	14.90
			3	553	12.80
			2	392	10.80
2 1/2" 65mm	1" 25.4mm	5" 127mm	4	930	17.70
			3	710	14.80
			2	475	12.20
3" 80mm	3/4" 19mm	5" 127mm	4	735	18.20
			3	602	16.30
			2	440	14.40
3" 80mm	1" 25.4mm	5 1/2" 140mm	4	1037	21.30
			3	775	18.90
			2	557	16.50
4" 100mm	1" 25.4mm	6 1/2" 165mm	4	1350	25.94
			3	1039	22.52
			2	728	19.14