

## Head Office & Works

Ava House  
Hallcroft Road  
Retford  
Nottinghamshire  
DN22 7PT

Tel: +44 (0) 1777 710710  
Fax: +44 (0) 1777 710 810

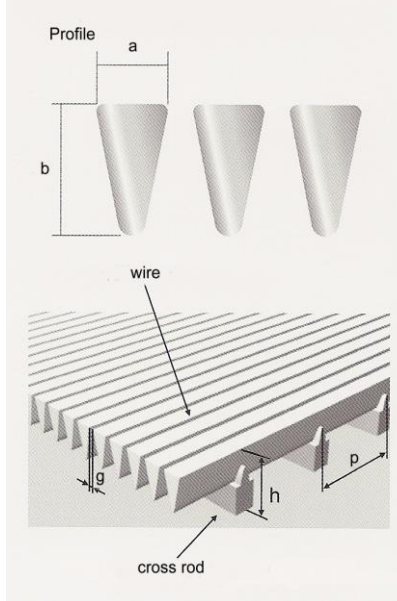
info@gaptechnology.co.uk  
www.gaptechnology.co.uk

Renowned throughout the industry for its hygienic food handling qualities, Gap Technology's wedge wire is a leading-edge product meeting the demands of the sugar beet and sugar cane industries worldwide.

Wedge wire offers self-cleaning, low maintenance properties with cost-effective solutions for the separation of valuable liquids/solids and is undoubtedly the preferred medium to minimise cross contamination and screen blinding.

Gap Technology Ltd. has designed and supplied many successful applications for sugar processing installations and has developed numerous configurations of screening products to perform a variety of functions, supplying some of the largest domestic and international processors including wedge wire, perforated and polyurethane screen decks along with de-pulping baskets and drums for crush-crush separation.

### Welded Wedge Wire Construction

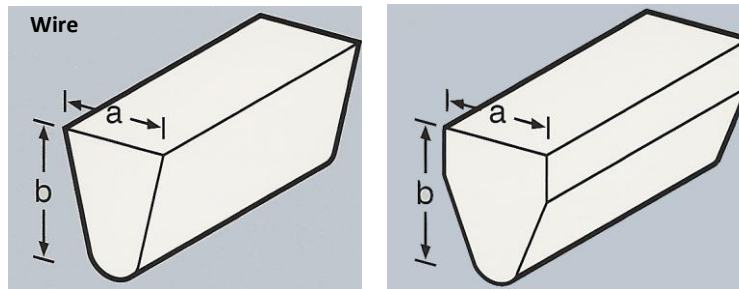


Standard pitch (p) of cross rods is 50mm unless otherwise stated

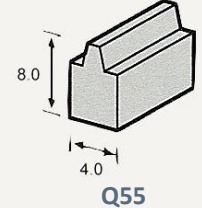
### Sb and Sbb Welded Wedge Profile

The **Sb** range is our most frequently used profile type offering minimum resistance to passing liquids and fine particles to alleviate potential blinding. Boasting the largest range of Sb profiles within the UK, our extensive table of wire profiles is available in a range of approximately ten Stainless Steel grades with the most commonly used being 304 and 316.

Similar to our Sb range, **Sbb** profile provides a larger body which is slightly parallel at the shoulder to restrict wear of the manufactured slop gap. Ideal for heavy-duty applications, this profile range is also available in our standard grade materials and specialist hardwearing steel qualities.



### Cross Rods



The Q55 cross rod is used for both Sb and Sbb profiles

Profile	Dimensions (mm)		Slot Gap (g) (mm)					
	a	b	0.25	0.50	0.75	1.00	2.00	
22 Sb	1.80	3.70	Open Area %	12.20	21.70	29.40	35.70	52.60
			kg/m <sup>2</sup>	12.55	19.36	17.84	16.58	13.18
28 Sb	2.20	4.50	Open Area %	10.20	18.50	25.40	31.30	47.60
			kg/m <sup>2</sup>	25.19	23.10	21.43	20.07	16.22
34 Sb	2.80	5.00	Open Area %	8.20	15.20	21.10	26.30	41.70
			kg/m <sup>2</sup>	30.04	27.96	26.23	24.81	20.46
34 Sbb	2.20	5.00	Open Area %	10.20	18.50	25.40	31.30	47.60
			kg/m <sup>2</sup>	34.32	31.34	28.98	27.06	21.59
42 Sbb	2.80	6.50	Open Area %	8.20	15.20	21.10	26.30	41.70
			kg/m <sup>2</sup>	43.28	40.19	37.59	35.46	28.95

Profile	Dimensions (mm)		Slot Gap (g) (mm)													
	a	b	0.40	0.50	1.00	2.00	3.00	4.00	5.00	6.00	8.00	10.00	12.00	15.00	20.00	
HS 8	6.80	9.40	Open Area %				22.68	30.56	37.03	42.45	46.87	54.15	59.52	63.76	68.84	74.55
			kg/m <sup>2</sup>				43.47	40.15	37.06	34.12	32.26	28.77	25.84	23.42	21.46	18.65

The HS8 profile is also used as a support rod and is usually welded at 50mm or 100mm pitch unless otherwise stated

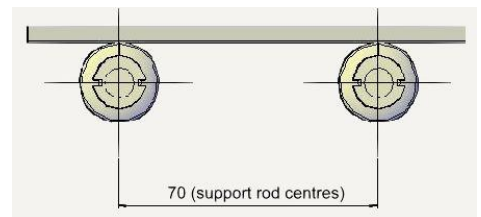
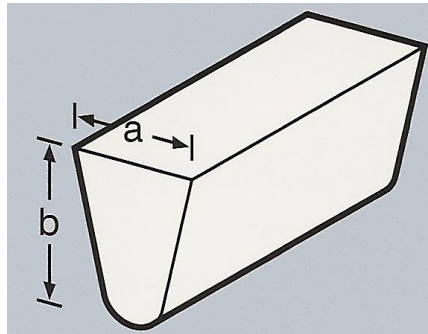
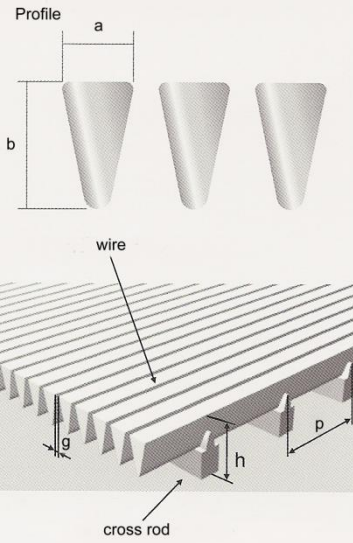


## Fb Looped Wedge Profile

Standard looped profiles from our **Fb** range cater for most applications where a looped screen may provide beneficial in vibrating applications or traditional installations.

Where even-tapered sides do not dictate the application, a further range of specialist looped wire types are available on request.

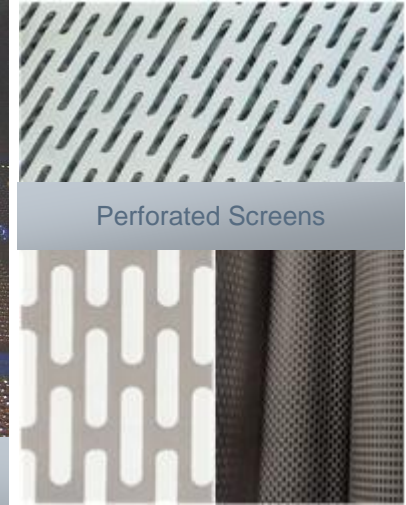
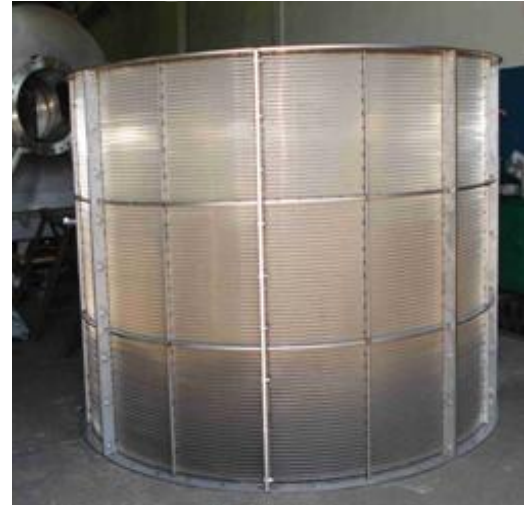
### Welded Wedge Wire Construction



Support rod 7.9mm dia. Positioned at 70mm pitch

Profile	Dimensions			0.25	0.50	0.75	1.00	2.00
	a	b						
28 Fb	2.20	3.90	Open Area %	10.90	16.56	22.76	27.93	42.41
			kg/m <sup>2</sup>	36.21	32.47	30.19	28.27	22.83
32 Fb	2.66	4.32	Open Area %	8.20	14.40	19.80	25.92	41.06
			kg/m <sup>2</sup>	37.10	34.76	32.66	30.72	25.24
35 Fb	2.90	4.70	Open Area %	7.39	14.63	21.60	25.19	36.89
			kg/m <sup>2</sup>	46.58	42.85	39.63	34.93	28.96
39 Fb	3.28	5.31	Open Area %	6.93	12.77	16.95	22.89	35.97
			kg/m <sup>2</sup>	49.63	43.38	41.19	37.27	32.96





Perforated Screens

Polyurethane Screens



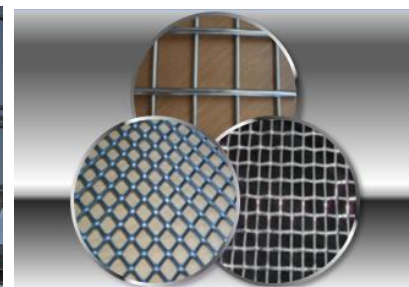
Rubber Screens



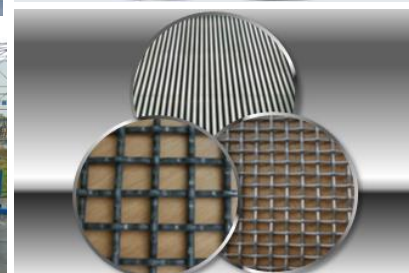
GapLok Wedge Wire/PU Modular Screens



Wedge Wire Screen Deck



Effluent Treatment and Waste Management



Gap Technology Ltd.

Head office and works : Ava House | Hallcroft Road | Retford | Nottinghamshire | DN22 7PT

E-mail : info@gaptechnology.co.uk Web : www.gaptechnology.co.uk