Technical Data Sheet

Wedgewire

The features of Agile Screening wire make it an ideal screening medium for many industries. Mineral processing, cement, chemical, coal, food processing, iron ore, sand, gravel and architecture are just some of the industries served by wedgewire throughout the world, with new applications being uncovered regularly.

Benefits

- High Open Area Percentage
- Accuracy of Aperture Maintained
- Longer Life
- Product Versatility
- Load Carrying Capacity

Agile Screening provides design flexibility, with no application too large, small or unusual.

Products

- Flat Bed Panels
- Sieve Bends/ DSM Screens
- Centrifuge Baskets
- Cylindrical Panels
- Conical Units
- Elution Columns
- Trommel Screens
- Static Screens
- Intertank Screens

There is almost no limit to the shapes and sizes to which wedgewire can be formed, so if you have an application where wedgewire could be the answer, an enquiry to your nearest Agile Screening office will receive our immediate attention.

Wedgewire

Agile Screening Wedgewire Profiles
Please find below a list of standard wedgewire profiles that can be tailor made to your specifications.

Wedge Wire Profile No.	Head Width (mm)	Depth (mm)	Side Angle°	Typical Application Guidelines.
47	1.19	2.24	13	Light duty, Stationary screening, sieve bends. < 0.3 mm apt.
60M	1.52	2.54	13	Light duty, Stationary screening, sieve bends. < 0.3 mm apt.
69M	1.8	4.3	8	Light duty, Stationary screening, sieve bends. < 0.3 mm apt.
85D	2.2	5.1	8	Medium duty, vibratory screening, trommels. 0.3 to 2.0 mm apt.
90M	2.29	3.56	13	Medium duty, vibratory screening, trommels. 0.3 to 2.0 mm apt.
100D	2.54	5.9	5	Medium duty, vibratory screening, trommels. 0.3 to 2.0 mm apt.
118	2.9	4.7	13	Medium duty, vibratory screening, trommels. 0.3 to 2.0 mm apt.
120M	3.05	6.6	3	Heavy duty, large vibratory screening and trommels, some impact. 2.0 to 25 mm apt.
122	3.1	6.0	9	Heavy duty, large vibratory screening and trommels, some impact. 2.0 to 25 mm apt.
150D	3.8	9.0	9	Heavy duty, large vibratory screening and trommels, some impact. 2.0 to 25 mm apt.
160	4.14	6.35	9	Heavy duty, large vibratory screening and trommels, some impact. 2.0 to 25 mm apt.
190M	4.6	9.3	5	Heavy duty, large vibratory screening and trommels, some impact. 2.0 to 25 mm apt.

Support Rod Options
This table shows the support rod variations available to hold the wedge wires in place.

SR140	2.29mm width x 3.5mm depth	Light *Static Application*
SR250	3.02mm width x 5.88mm depth	Standard *Static Application*
SR475	2.95mm width x 12.0mm depth	Heavy *Static Application*
25 X 3	3.0mm width x 25.0mm depth	Extra Heavy *(Vibrating)*