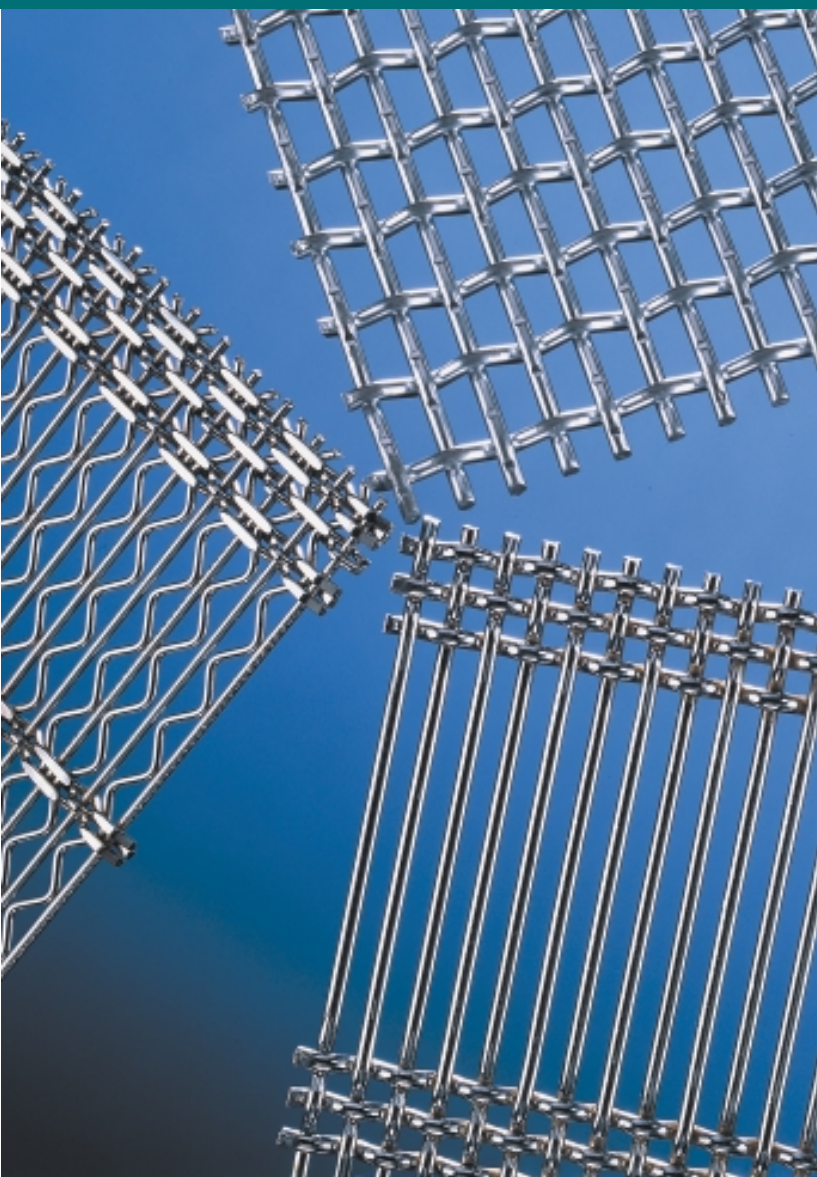


Trellex Wire Screen Systems



Superior quality and technical backup

With over 150 years in the industry our knowledge and expertise in screening media has evolved to where we can supply you with the optimal solution to your screening requirements for lowest total cost. We offer a complete range of opening, wire diameter, metal and weave types enabling us to provide you with the correct product for your application. Along with our extensive inventory we are capable of custom building to your exact specifications.

Metal selection

Superloy – High Carbon Steel

Superloy offers a combination of excellent fatigue resistance coupled with good abrasion resistance. For most aggregate producers these two factors are the most important in determining metal type.

Ludloy – Oil Tempered

Ludloy has more carbon and manganese than Superloy providing superior abrasion resistance and good fatigue resistance. This is critical when abrasion is the primary factor.

Astroloy - Stainless Steel

Astroloy is an extremely hard, abrasion and corrosion resistant metal. This metal excels when used in applications where the material is extremely abrasive and chemically corrosive. The smooth surface of the metal prevents material from adhering to it, making it ideal in applications where the material is damp and prone to blinding.

Square opening screens

Available in a wide range of openings and wire diameters, square opening screens are the most common and versatile forms of wire screening media. Trellex square opening screens offer the most accurate sizing of any wire media available.

Slotted screens

Slotted screens offer the user greater open area providing maximum through put of material.

Trellex Rek-Tang Screens

When greater production is desired along with accurate sizing Trellex Rek-Tang is preferred. The rectangular opening forms a large open area allowing more material to pass through while maintaining accurate sizing of the desired product.

Trellex Sta-Clear Screens

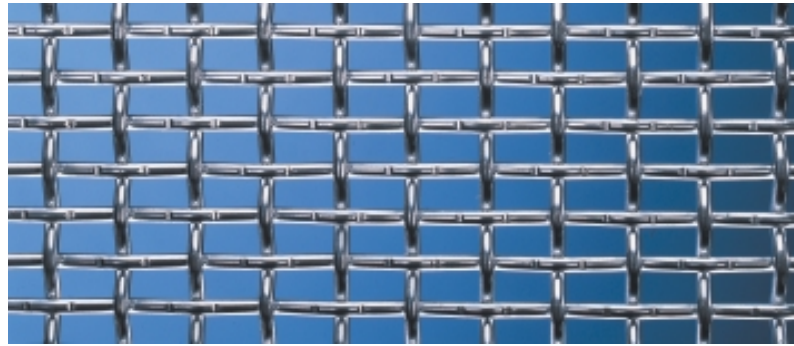
When screening material that has a tendency to adhere to the wire (blinding), or become wedged (pegging) in square opening or rectangular opening screens with a short slot length, Sta-Clear screens fit the application. With its triple fill wire configuration Sta-Clear screens offer a longer slot without loss in strength.

Trellex Hi-T Screens

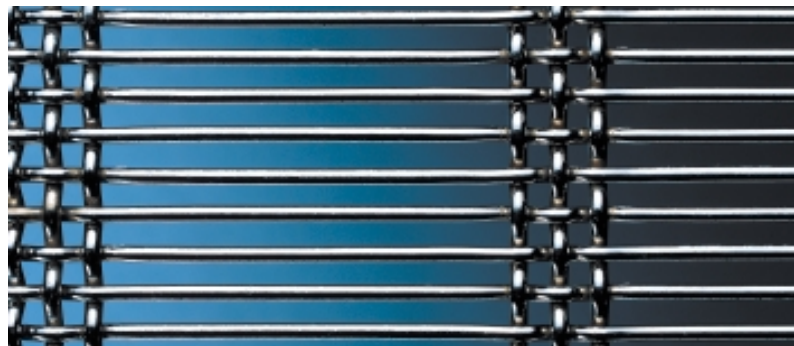
Trellex Hi-T screens are made from Astroloy stainless steel molded in place with abrasion resistant polyurethane. This un-crimped long slot configuration provides greater open area that will maximize material through-put. The rugged polyurethane profiles anchor the wires securely in place allowing the Hi-T to withstand larger feed material and loads than other straight warp screens.

Trellex SH

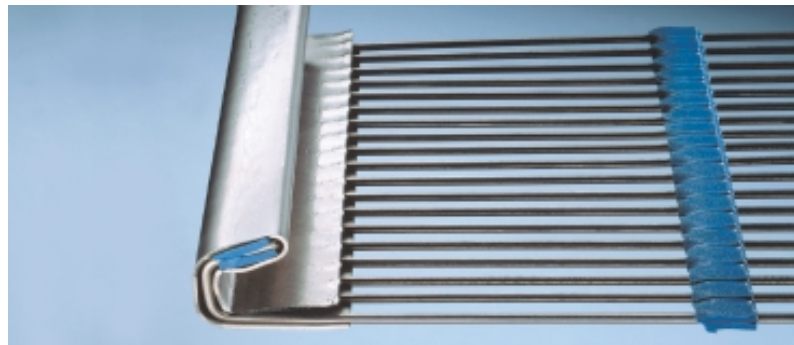
Trellex SH is one of the most efficient methods of screening fines available in the market place. Primarily used in portable screening units Trellex SH provides maximum production when screening sand and gravel, top soil, compost, landfill debris, slag, and construction debris. Trellex SH is manufactured as a complete unit and consists of tensioned wires with moveable profiles to reduce change out down time.



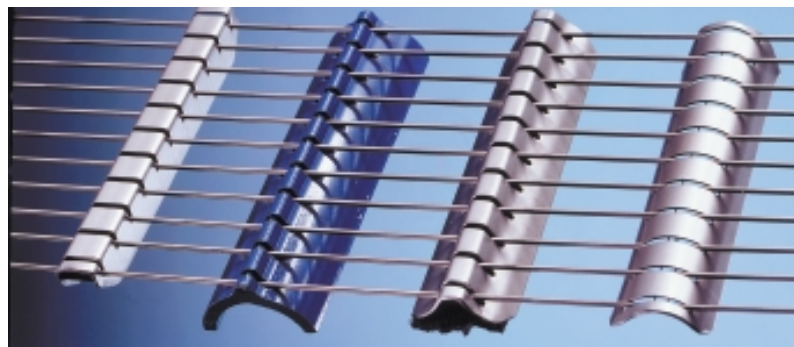
Trellex Rek-Tang Screens



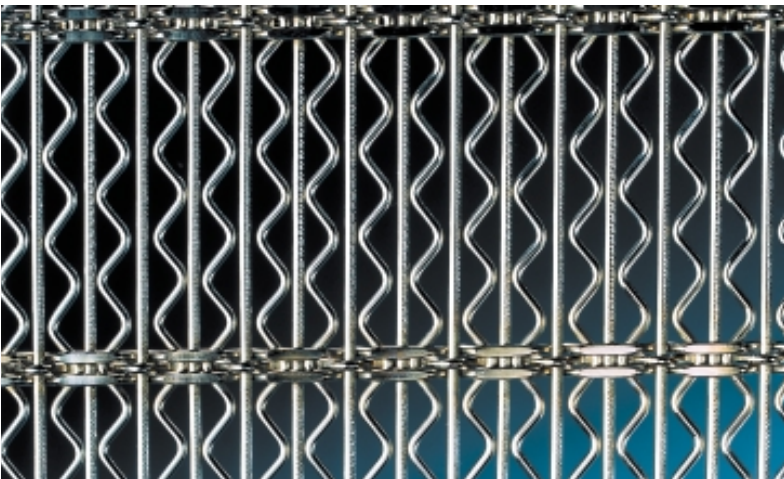
Trellex Sta-Clear Screens



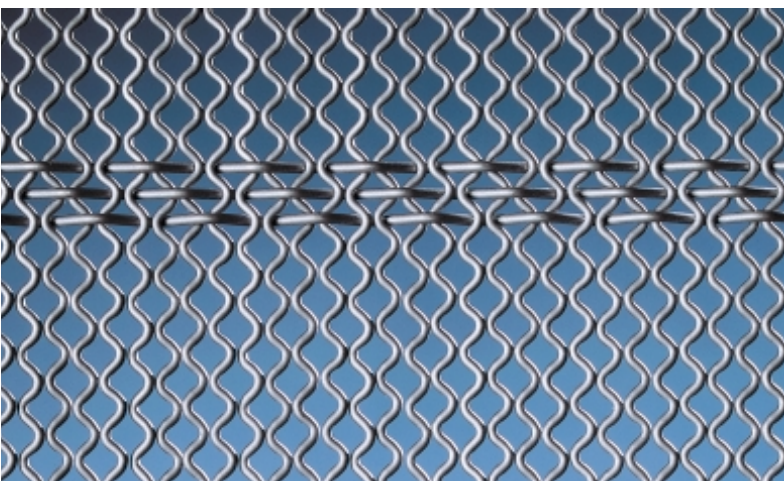
Trellex Hi-T Screens



Trellex SH



Trellex Sta-Clean-L Screens



Trellex Sta-Clean-S Screens



Trellex Poly-Clean-S Screens and Trellex Poly-Clean-L Screens

Self cleaning screens

Trellex Sta-Clean Screens

Manufactured using alternatively straight and horizontally crimped wires Trellex Sta-Clean screens provide a unique self cleaning action, reducing blinding and pegging which leads to increased screening efficiency. Sta-Clean S panels use the same self cleaning action as the standard L series but the straight wires are omitted. This enables the panel to excel with even the most difficult materials where other screens would quickly blind or peg over.

Trellex Poly-Clean Screens

Poly-Clean panels are designed for high abrasion applications where the material has a tendency to blind or peg. Manufactured using abrasion resistant polyurethane profiles molded over Ludloy or Astroloy wire, a Poly-Clean will provide superior wear life. The Poly-Clean is available in both L and S styles.

Crown bar channel rubber

Trellex offers a range of extra heavy-duty crown bar channel rubbers in abrasion resistant rubber quality. They are designed to grip the rails tight and to stay in position under most severe conditions. More cross section of rubber above the rails than any other channel rubber offered.



Crown bar channel rubber

Precision testing sieves

Trellex offers a choice of brass testing sieves (full or half height). The brass frames range from 3" to 12" in diameter. Available in all meshes: U.S. Series equivalent, millimeter or micron size.

These long life brass sieves conform to all federal, state and independent agencies concerned with standards of precision testing equipment and are guaranteed to meet these test standards.

Weave types

Trellex Arch Crimp Weave

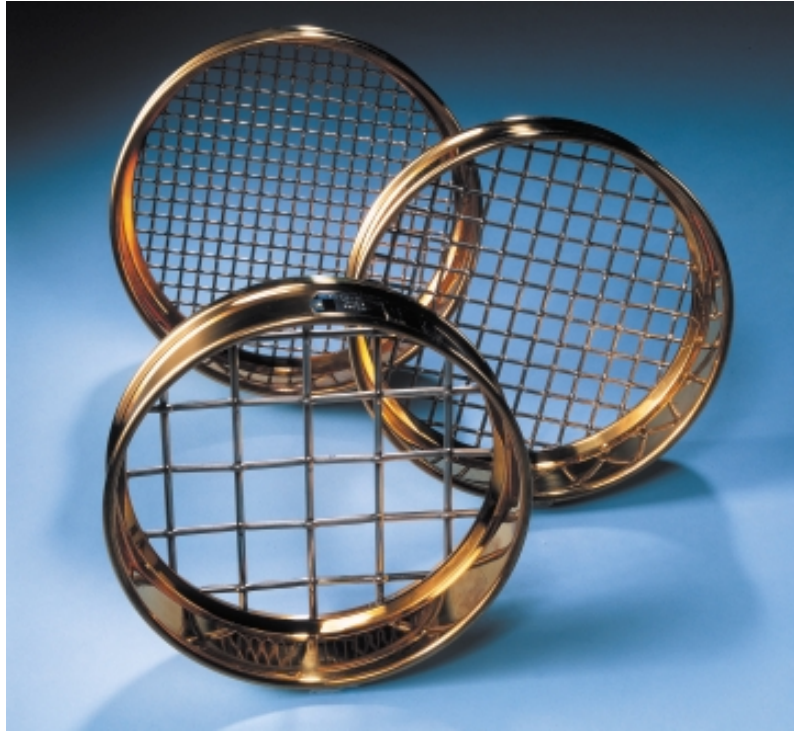
Most efficient weave for heavy-duty screens when ratio between width and wire diameter permits its use. As a general rule, opening width should be at least 3 times the wire diameter. Trellex Arch Crimp is extremely durable because each wire is locked in place to maintain accuracy of openings for the life of the screen.

Trellex Double Crimp Weave

Probably the most common of the standard weaves. Double crimp is used when Arch crimp weaves cannot be furnished because wire diameter is too large in relation to opening size. Generally used in extremely heavy screen cloths and those with relatively small openings.

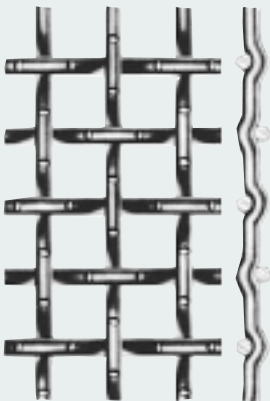
Trellex Sta-Smooth Weave

Providing a level, smooth surface, the Sta Smooth weave employs a type of rigidity interlocked crimp that insures

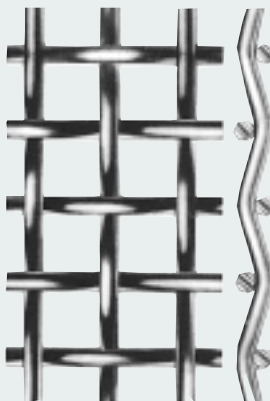


Precision testing sieves

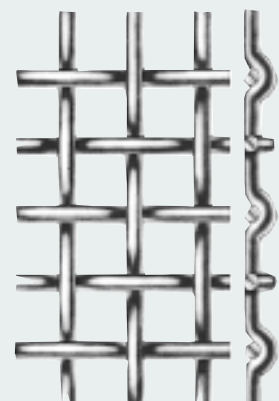
maintenance of accurate, uniform openings. When used in the correct application, because of the level weave, there is considerable reduction of friction from material passing over the screen and, in many cases, far less wear from abrasion than in screens made with surface crimps.



Arch Crimp Weave



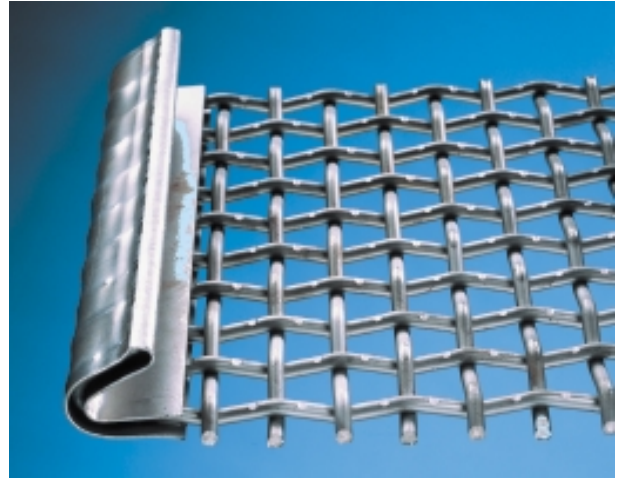
Sta-Smooth Weave



Double Crimp Weave



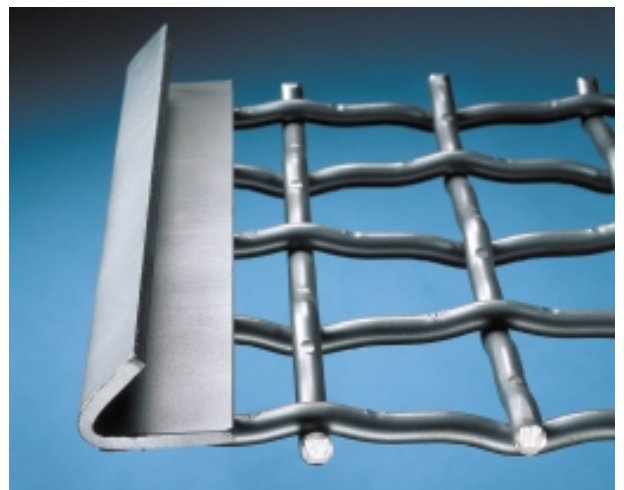
L1 - Hooked edge bent 45°



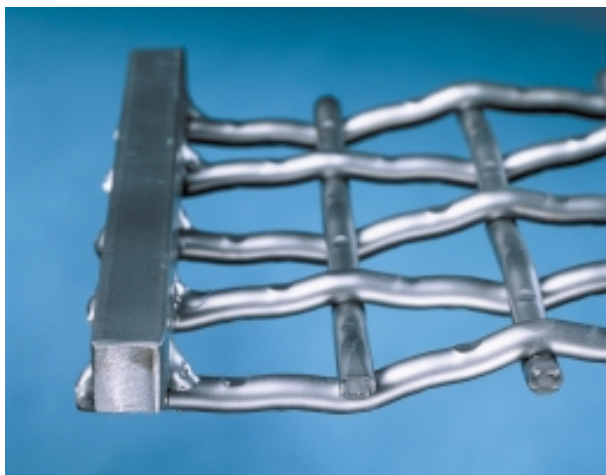
L2 - Hooked edge with metal shroud



L5 - Square hook with inserts



L6 - Welded 45° hook

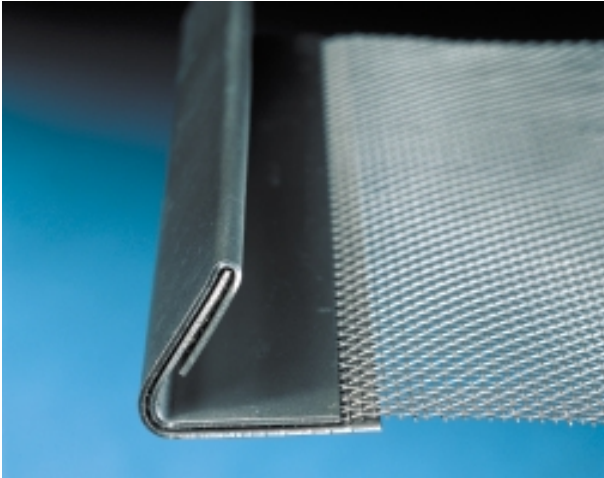


L9 - Welded square bar



L10 - Welded U-hook

Hook and Edge Arrangements



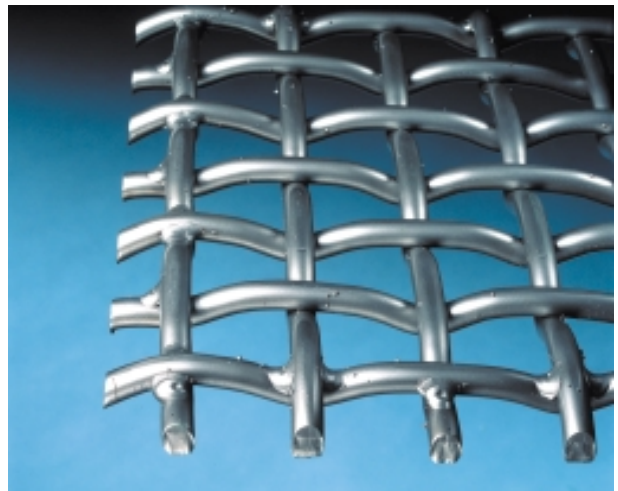
L3 – Two-Piece hook strip



L4 – Welded insert



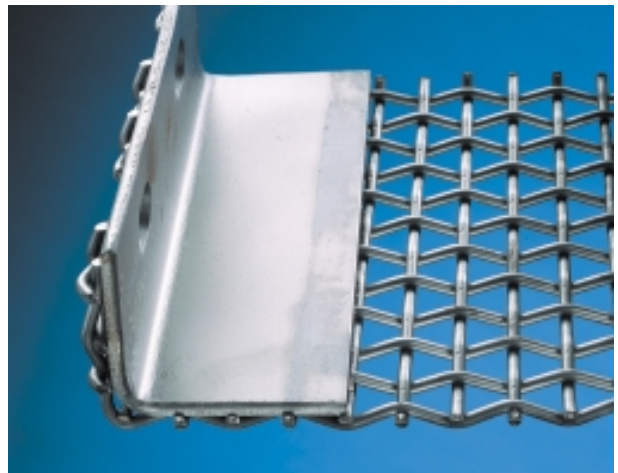
L7 – Knuckled edge



L8 – Welded edge wire



L11 – Folded U-hook



L12 – 90° welded plate

Trellex Screening Media

Our range:

Square opening screens
Slotted screens

Self cleaning screens
Industrial products

Modular step system
Rubber panel system

Tensioned panel system
Dust control

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