

Polyurethane tensioned cross screen mesh

Polyurethane screen with high efficiency, small amplitude, high frequency and other good quality. Is an effective device for fine grained material sieving classification, widely used in iron ore, tin, tungsten, tantalum and niobium ore concentrator screening or classification work. Polyurethane screen mesh offer the highest screening efficiency and are the modern cost effective of achieving improved productivity at reduced maintenance cost in aggregate separation under both wet and dry conditions.

It achieves excellent results with all separation sizes in many applications including: Sand and Gravel, Granite, Quartzite, Silica Sand, Limestone, Coal and Ironworks Materials.

The polyurethane screen are manufactured with integral reinforcement bars parallel to the panel width and selected for each individual application to accurately transmit the dynamic forces of the screening machine and support the bed of the material.

Tensioned screen mesh are manufactured from a combination of special polymers with a high resilient wear resistant surface supported by a high strength structural polyurethane containing the load carrying reinforcement.

Extra fine slot openings are available from slot widths of 0.2mm (0.008") to slot widths of 2.5mm (0.100") with a variety of slot lengths for special conditions and applications.

Square openings are available from 2.75mm (0.108") to 125mm (5") in steps of 0.2mm (0.008"). All major square openings can be manufactured for heavy, normal or light duty.

Slotted openings are available from slot widths of 1.7mm (0.067") to slot widths of 32mm (1.1/4"). The length of slots can vary according to the conditions of application. the configuration of slots is either parallel or alternated in length for width rigidity and integrity.

For the classification of fine, moist sticky materials or screen feeds with a high proportion of near size particles normally prone to pegging and blinding, the polyurethane tensioned screen mesh are made of a thin perforated polyurethane membrane. This membrane is pre-tensioned in each direction and vibrates like a drum skin preventing particles from sticking.



