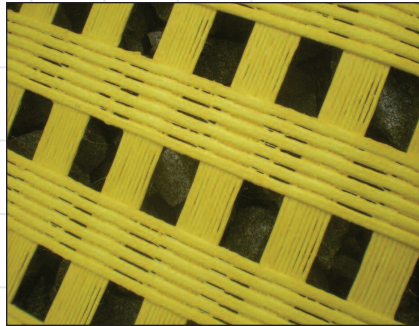


HUESKER Minegrid® is Designed for Safety and Productivity

Since 1994, HUESKER Minegrid® has been used to protect miners and equipment in the best mines in the world.

Improved Ground Control

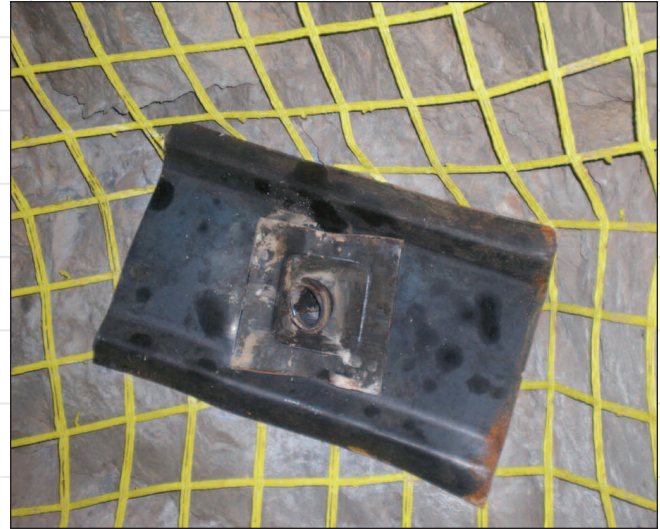
Minegrid® is manufactured from high-tenacity polyester (PET) yarns. PET grids pick up the load quickly, keep the mine roof tighter, minimize cribbing, and maximize the work area. Minegrid® is non-conductive, fire retardant, and coated for high visibility. Minegrid® is more workable and conforms to irregularities more easily than metallic mesh and is much less likely to cause injury to workers. Minegrid® is available in a range of sizes and provides solutions for a wide array of jobs.



Minegrid® SU mining grid is ideally suited to protect mine ribs. Specially coated for use in vertical applications, these grids are strong, lightweight, and more rigid than other grids, allowing for easy installation. Minegrid® SU grids protect miners from rib bursts and rolls.

Miner-Specified Innovation

In 1994, the miners at Deserado Mine in Rangely, Colorado used Minegrid® to recover their longwall, setting a precedent that has become a benchmark. Minegrid® is known for its high strength-to-weight ratio, flexibility and ease of installation and has become the standard for longwall recovery and roof and rib control. Since 1994, Minegrid® has been used to make over 900 longwall recoveries safer, faster and less costly. HUESKER's patented Minegrid® 200/SP (US Patent Nos. 7,166,349 and 7,393,060) grid incorporates built-in strength bands to make shield advance easier and to minimize point loading.



Built-In Strength

Minegrid® is made of high-tenacity multi-filament yarns that are manufactured under tension. This extra step means that Minegrid® reaches full strength faster, providing more stopping power to protect workers and to confine roofs, ribs, highwalls and pillars.

Engineered Competence

Minegrid® is manufactured in a wide range of strengths to fit any requirement. Minegrid® is custom-fit to your mine so that more strength is concentrated in critical areas and lighter weight grids are used in less crucial conditions. HUESKER's 200/SP grids incorporate patented built-in strength bands to increase strength, decrease weight, and to make support advance easier.

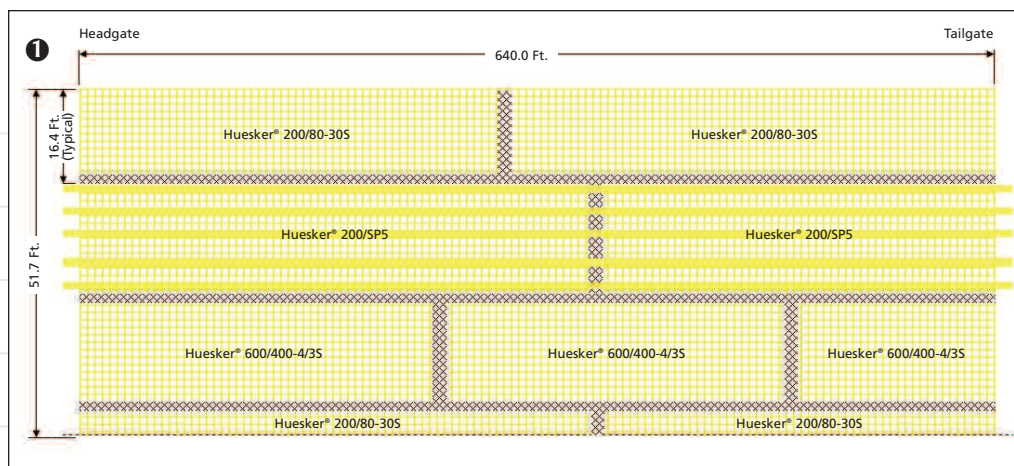
Minegrid® is manufactured in five-meter widths, reducing the need for seams and increasing overall system strength.

HUESKER Minegrid® Item	600/400-4/3 S	400/300-3/4S	300/200-30 S	200/200-30 S	200/SP5	200/80-30 S	80/80-30 S	65SP	35/35-55 SU
Tensile Strength (ASTM D-6637)									
@ Ultimate - MD - lb/ft. (kN/m)	42,000 (600)	28000 (400)	21,000 (300)	14,000 (200)	21,000 (300)	14,000 (200)	5,500 (80)	4500 (65)	2,600 (35)
@ Ultimate - CD - lb/ft. (kN/m)	28,000 (400)	21000 (300)	14,000 (200)	14,000 (200)	14,000 (200)	5,500 (80)	5,500 (80)	4500 (65)	2,600 (35)
Elongation at Break (ASTM D-6637)	11%	11%	12%	12%	11%	11%	11%	11%	11%
Aperture Size - in.	.4 x .3	.3 x .4	1.2 x 1.2	1.2 x 1.2	1.2 x 1.2	1.2 x 1.2	1.2 x 1.2	2.5 x 2.5	2.2
Standard Roll Width - ft. (m)	16.4 (5.0)	16.4 (5.0)	16.4 (5.0)	16.4 (5.0)	16.4 (5.0)	16.4 (5.0)	16.4 (5.0)	16.4 (5.0)	16.4 (5.0)

Engineered. Tested. Proven.

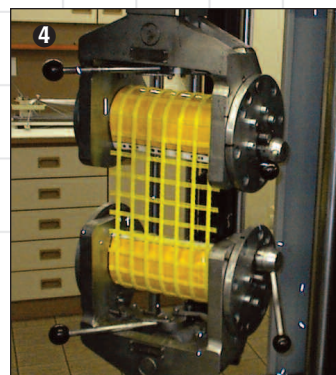
Engineered Safety and Efficiency

Since Minegrid® is manufactured in nine different strengths, maximum design flexibility and cost savings are achieved. Using patented fabrication techniques, Minegrid® recovery systems are assembled in one piece to exact mine specifications ❶. They are tightly rolled on the surface, unitized to fit each mine's equipment and dimensions ❷, delivered to the minesite and taken directly underground. The mining grid roll is pulled onto the coalface, bolted to the roof and recovery is started ❸. Handling is minimized and time and man-hours are saved. Shorter meshing times add up to increased safety and higher production.



Total Quality Control

Minegrid® is manufactured to meet and exceed ASTM strength testing requirements ❹. HUESKER manufacturing and application support processes are ISO 9001 certified, assuring mines of the highest quality materials. At every step, HUESKER Minegrid® is subjected to grueling quality checks to yield consistent quality every time. HUESKER's quality control ensures that all Minegrid® is top quality to provide your mine with the best possible solution.



On-Time Delivery

Prompt delivery is assured.... your Minegrid® recovery mat will always be onsite when you need it. By incorporating pre-assembly planning and itemized checklists, your exact specifications are met and your Minegrid® recovery mat is right every time.

Superior Performance

Minegrid® longwall recovery mats have helped more mines save money on their longwall moves than any other grid system in the world. HUESKER will make your next move safer, faster, and more efficient ... period.

