



Products Show

STEEL MESH FABRIC



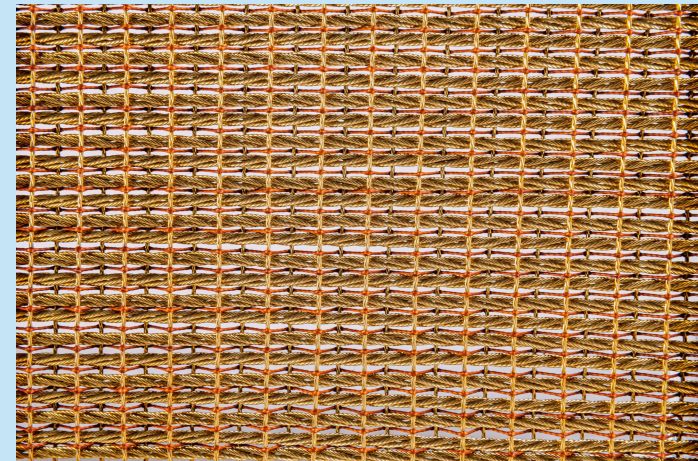
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COMPANY PROFILE

YuSheng Enterprise Limited established in 2001, committed to rubber industry raw materials production and sales for more than 20 years.

After years of development, Yusheng has become a professional supplier of raw materials of rubber products, selling and serving tire and rubber products manufacturers in Europe, South America, Southeast Asia, India, Pakistan, the Middle East and other regions.

Yusheng is having more than 160+ stable and long-term manufacturing bases, which can provide one-stop raw material services for manufacturers in rubber industry. We sincerely invite rubber professionals from all over the world to join our global supply chain service system and become our partner to achieve win-win development.



Steel Mesh Fabric

Production Process

Steel cord and dipped nylon cord as weft and steel cord as warp

Weaving

Checking

Packing

Steel Mesh Fabric

Classification

- GW straight anti-impact and anti-tearing steel mesh fabric
- LW straight anti-impact and anti-tearing steel mesh fabric

Applications

- Used in medium-strength conveyor belt



Steel Mesh Fabric

Characteristics

- Impacting resistant
- Tearing resistant
- Carrying thermal material
- Carrying flammable materials
- Withstanding strong impact forces
- With a very large groove formation
- Suitable for different conveyor belt system
- Not exceeding more than 1500 meters for length

Steel Mesh Fabric

GW straight anti-impact and anti-tearing steel mesh fabric specification

Item		Unit	Specification								Tolerance	
Specification		N/mm	350	500	630	800	1000	1250	1400	1600	0	
Weft strength		N/mm	95	95	95	130	130	180	180	180	0	
Weight		Kg/m ²	1.83	2.43	3.00	4.20	4.98	6.30	7.00	7.88	±2.5%	
Thickness		mm	3.0	3.0	3.0	4.3	4.3	5.8	5.8	5.8	±0.3	
Warp	Diameter	mm	1.98	1.98	1.98	2.82	2.82	3.86	3.86	3.86	±5.0%	
	Breaking strength (Ave.)	N≥	3245	3245	3245	5890	5890	10098	10098	10098		
	Breaking elongation	%	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	±2.5	
	Coating composition	% Cu		64.0	64.0	64.0	64.0	64.0	68.0	68.0	68.0	±2.5
		% Zn		36.0	36.0	36.0	36.0	36.0	32.0	32.0	32.0	±2.5
	Space size	mm	8.30	5.80	4.60	6.65	5.37	7.02	6.23	5.48	±	
Density	End /m		120	172	216	150	186	142	160	182	±2.0%	
Weft	Diameter	mm	1.50	1.50	1.50	2.09	2.09	2.39	2.39	2.39	±5.0%	
	Breaking strength (Ave.)	N	1818	1818	1818	3073	3073	3998	3998	3998		
	Breaking elongation	%	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	±2.5	
	Coating composition	% Cu		64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	±2.5
		% Zn		36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	±2.5
	Space size	mm	17.5	17.5	17.5	20	20	20	20	20		
Density	End/m		57	57	57	50	50	50	50	50	±5.0	
Weft fixed material			Dipped nylon cord									

Note: Special spec. can be customized by the requirement/sample from customers.

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Steel Mesh Fabric

LW straight anti-impact and anti-tearing steel mesh fabric specification

Item	Unit	Specification										Tolerance	
Specification	N/mm	350	500	630	800	1000	1250	1400	1600	1800	2000	0	
Weft strength	N/mm	130	130	130	130	130	180	180	180	200	200	0	
Weight	Kg/m ²	1.98	2.58	3.14	4.09	4.93	6.28	6.99	7.86	8.69	9.24	±2.5%	
Thickness	mm	4.66	4.66	4.66	5.38	5.38	7.09	7.09	7.09	7.09	7.09	±0.3	
Warp	Diameter	mm	1.98	1.98	1.98	2.82	2.82	3.86	3.86	3.86	3.86	±5.0%	
	Breaking strength (Ave.)	N≥	3245	3245	3245	5890	5890	10098	10098	10098	10098		
	Breaking elongation	%	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	±2.5	
	Coating composition	% Cu	64.0	64.0	64.0	64.0	64.0	67.0	67.0	67.0	67.0	67.0	±2.5
		% Zn	36.0	36.0	36.0	36.0	36.0	33.0	33.0	33.0	33.0	33.0	±2.5
	Space size	mm	8.30	5.80	4.60	6.65	5.37	7.02	6.23	5.48	4.98	4.63	±
	Density	End/m	120	172	217	150	186	142	160	182	200	215	±2.0%
Weft	Diameter	mm	1.51	1.51	1.51	1.51	1.51	2.09	2.09	2.09	2.09	±5.0%	
	Breaking strength (Ave.)	N	1818	1818	1818	1818	1818	3073	3073	3073	3073		
	Breaking elongation	%	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	±2.5	
	Coating composition	% Cu	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	±2.5
		% Zn	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	±2.5
	Space size	mm	12.45	12.45	12.45	12.45	12.45	14.97	14.97	14.97	12.45	12.45	
	Density	End/m	80	80	80	80	80	67	67	67	80	80	±5.0
Weft fixed material		Dipped nylon cord											

Note: Special spec. can be customized by the requirement/sample from customers.

Steel Mesh Fabric

Packing:

The steel mesh circles in the \varnothing 165-219mm metal roller with square edged orifice 62mm.

Volume at both sides of each packing have the support bracket.

Both sides of the steel mesh have approximately 0.8-1.5 meter long chemical fiber canvas.

Each volume inner fixes with a metal roller.

Steel mesh fabric outside packed with plastic cloth and packing band fixed



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