



CUSTOM ELECTRICAL INSULATION

VULCANIZED FIBRE

Technical data sheet - fish paper / vulcanized fiber sheet, tube and rod

SINCE 2017

ISO 9001

OEM / ODM

Well Electric - WELLELE

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1-- Vulcanized fibre series:

1, Abrasive disc backing Vulcanized fibre.

(1) the Abrasive Vulcanized fibre. Main specification contain 0.8 mms; 1.0 mms. 1.2 mms three kinds of.

(2) Dark green Abrasive the Vulcanized fibre. Main specification contain 0.6 mms; 0.7 mms; 0.8 mms; 0.85 mms; 1.0 mms five kinds .

2, Insulating of Vulcanized fibre.

A: the red Vulcanized fibre. Main specification contain 0.5mm; 0.7mm; 0.8mm;

0.85mm; 1.0mm; 1.2mm; 1.5mm; 2.0mm; 2.5mm;

3.0mm, 4.8mm, 6.0mm, 8.0mm, 10mm, 12mm etc...

B: the black insulates the Vulcanized fibre. Main specification contain 0.5mm; 0.7mm;

0.8mm; 0.85mm; 1.0mm; 1.2mm; 1.5mm; 2.0mm; 2.5mm;

3.0mm, 4.8mm, 6.0mm, 8.0mm, 10mm, 12mm etc..

C: gray insulate the Vulcanized fibre. Main specification contain 0.5 mms; 0.8 mms; 1.0 mms; 1.4 mms; 1.6 mms, 2.0 mms six kinds of.

D: the white Vulcanized fibre. Main specification contain 0.25 mms; 0.3 mms; 0.5 mms; 0.8 mms; 1.0 mms; 1.2 mms; 1.4 mms; 1.6 mms, 2.5 mms 3.0mm etc..

E: the brick red Vulcanized fibre. Main specification contain 0.5mm; 0.7mm; 0.8mm;

0.85mm; 1.0mm; 1.2mm; 1.5mm; 2.0mm; 2.5mm;

3.0mm, 4.8mm, 6.0mm, 8.0mm, 10mm, 12mm etc..

3, SLIVE CANS of Vulcanized fibre. The main specification has 780×1250×1.2mm;

870×1250×1.2mm; 1000×1250×1.4mm; 1330×1250×1.5mm; 1500×1250×1.5mm;

1980×1250×1.8mm, 3300*1250*2.0mm etc..

4. welding mask Vulcanized fibre. Main specification contain 1.0 mms; 1.2 mms two kinds of.

Vulcanized fiber sheet (FLAME RETARDANT /HEAT RESISTANCE /WATER RESISTANCE)

Flame Retardant: YMF-77 U.L. Listed 94 V-0 Thickness: .010 "-.062 " Hot Wire Ignition: 300 sec. Min. Heat Deflection: 120C Flexibility: Good	Vulcanized fibre is a material manufactured by gelatinizing several plies of high purity cellulose papers. It has extremely high internal bond strength, and mechanically excellent punching, forming, machining and many other unique properties. TOYO proudly carries specialty grades to comply any application required by users, such as water resistant grades, flame retardant grades, combination grades etc. in roll, sheet and coil
High Temperature: YMF-57 Heat Tolerance: 40,000 hrs. : 120C (JIS K6911) 200C Flame Listing 94 HB Thickness: .020 "-.100 " Water absorption: < 10%	Moisture is to fibre what heat is to metal. Normal moisture content (at typical ambient temperature/humidity ranges) is 5%-8%. This amount of moisture in fibre contributes to its resilience, punching and forming capabilities. Water softens or plasticizes it. In use, moisture can cause dimensional changes and should be protected against via a coating. Again, most of these effects can be minimized or eliminated through proper application selection and a quick water resistant coating.
Moisture Resistant: YMF-77 1 Hr. Water Absorption: <10% Electrical Insulation: Excellent Hot wire ignition: >300 sec. Flame Retardant coating: V-0, V-1 Track Resistance: 420V	TYPICAL PROPERTIES OF VULCANIZED FIBRE • Tensile Strength, psi 6,000-12,000 • Flexural Strength, psi 12,000-20,000 • Compressive Strength, psi 20,000-30,000 • Shear Strength, psi 11,000-15,000 • Impact Strength, ft/lbs per in. 4-8 • Rockwell Hardness R60-R100 • Density, gm/cc 1.1-1.3 • Dielectric Strength, vpm 150-400 • Power Factor, 1000kc .03-.08 • Dielectric Constant 4-7 • Water Absorption, 2hr, 1/8", % 15 • Thermal Conductivity, Btu/hr/sqft/F/in 3