

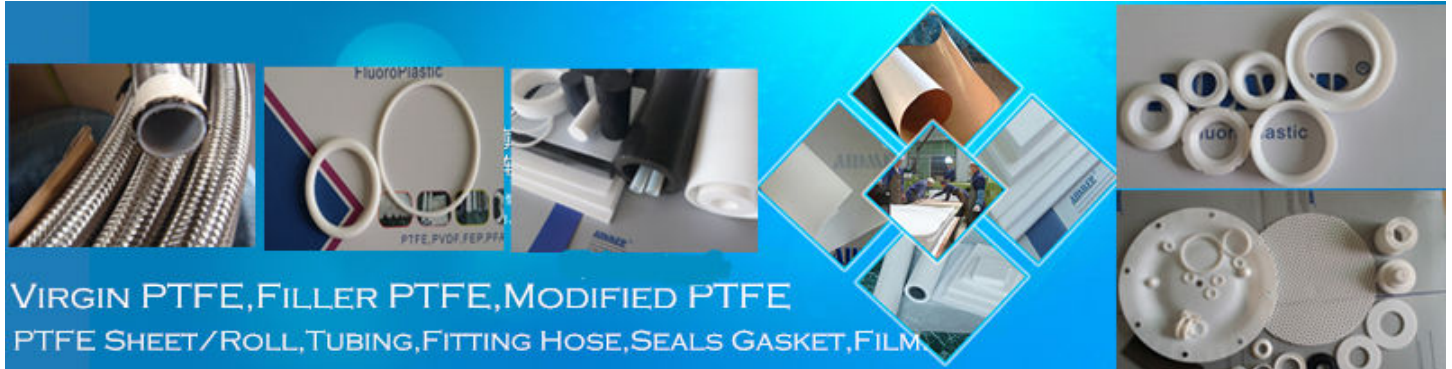
Aidmer Fluid Sealing

Gasket · Packing · Seals · High-Temp.



Our Products:

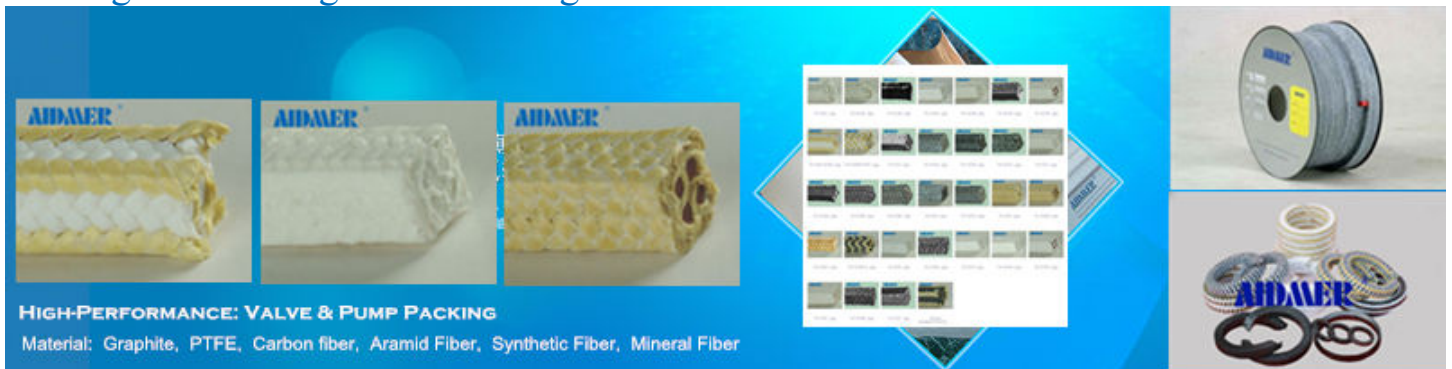
PTFE Semi-Finished Products



Gasket Materials



Stuffing Box Packing-Gland Packing

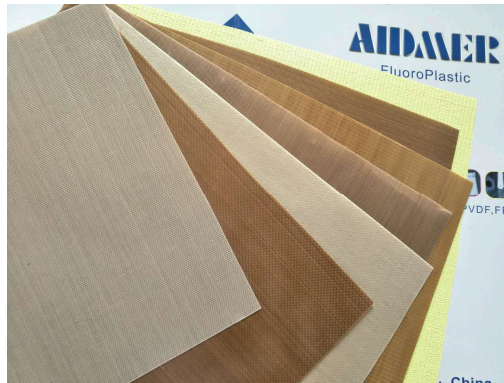


High-Temperature & Insulation

PTFE Coates Fiber-Glass

Aidmer76-010S

PTFE Coated GF Cloth W/O Adhesive



Description:

Teflon Adhesive is using glass cloth base material, impregnated with PTFE or Teflon (polytetrafluoroethylene) dispersion and then sintered.

Single surface treated and coated with a high-temperature-resistant, silicone, with pressure-sensitive adhesive coated on back side. Aidmer Yellow textured PVC release liner is applied to the adhesive surface for ease of application and protection long lifetime of fresh adhesive.

Self-wound rolls self adhesive ptfе tape are available (without liner).

Application areas:

- For heat-sealing.
- For heat-resistant masking.
- For heat-resistant electrical insulation

Thickness (Inch)	Coated Weight(lbs/sq.ya)	Tensile Strength Warp/Fill (lbs/inch)	Tear Strength (lbf)	Dielectric Strength (Volts/mil)	Width (Inch)
0.0026	0.24	100 / 75	2.0 / 1.5	1350	40
0.0036	0.35	150 / 75	4.0 / 2.0	1450	40
0.0045	0.44	160 / 150	5.0 / 5.0	1000	40
0.0055	0.55	170 / 165	4.5 / 4.0	1200	40
0.0090	0.91	310 / 175	12.0 / 7.0	810	40
0.0135	1.35	500 / 300	20.0 / 15.0	550	40
0.0185	1.55	400 / 300	20.0 / 15.0	250	40
0.0245	1.76	425 / 500	50.0 / 55.0	210	40

All properties, specifications, application and advice given is based on experiences AIDMER has made **15'** years. Failure to select proper sealing products can result in damage and/or personal injury. All data are subject to change without notice. We does not undertake any liability of any kind whatsoever. (www.Aidmer.com)

High-Temperature & Insulation

Silicone-Rubber Coates

Style Aidmer76-265

Silicone-Rubber Coated FG Sleeve



High Temperature silicone insulation fiberglass protective tube with a special kind of silicone coated , and treated with high temperature .

Excellent Capability

this kind of product is mainly used in the industry of steel , smelt and shipping . with the advanced three – tier combination that is wear – resistant , fire – retardant layer , separation fire and water layer , and thermal insulation , fire – resistant layer . it is not easy to be destroyed and can won time for the further servicing . the color is bright , and it is much greater expansion , flexibility compared with the similar high silicone tube .

Much more environmental and science : it is the ideal substitute of the traditional pottery and asbestos products . all the materials are meet the international recognized , they are not harm to human , and will not cause any allergic reaction , structure is more science , from the outer temperature , wear – resistant , fire – retardant , interlayer insulation to the flood prevention , oil and gas , insulation , and to the inner temperature , thermal insulation , fire – retardant effect , greatly enhancing their products in the high temperature zones of protective effect .

DIA mm	Walk Silicone	Walk Tube	Net Weight	Packing
12	1.5 mm	2.5 mm	3.2 kg /Roll	20 m/ Roll
15	1.5 mm	2.5 mm	3.9 kg /Roll	20 m/ Roll
20	1.5 mm	2.5 mm	5.5 kg /Roll	20 m/ Roll
25	2.0 mm	3.0 mm	7.8 kg /Roll	20 m/ Roll
30	2.0 mm	3.0 mm	9.3 kg /Roll	20 m/ Roll
35	2.0 mm	3.5 mm	11.35 kg /Roll	20 m/ Roll
40	2.0 mm	3.5 mm	13.65 kg /Roll	20 m/ Roll
45	2.0 mm	3.5 mm	11.6 kg /Roll	15 m/ Roll
50	2.0 mm	3.5 mm	14.1 kg /Roll	15 m/ Roll
55	2.0 mm	4.0 mm	15.2 kg /Roll	15 m/ Roll
60	2.0 mm	4.0 mm	17.5 kg /Roll	15 m/ Roll
65	2.0 mm	4.0 mm	20.8 kg /Roll	15 m/ Roll
70	2.0 mm	4.0 mm	22.8 kg /Roll	15 m/ Roll
75	2.0 mm	4.0 mm	25.8 kg /Roll	15 m/ Roll
80	2.0 mm	4.0 mm	28.5 kg /Roll	15 m/ Roll
85	2.0 mm	4.0 mm	30.5 kg /Roll	15 m/ Roll
90	2.0 mm	4.0 mm	33.8 kg /Roll	15 m/ Roll
100	2.0 mm	4.0 mm	36.7 kg /Roll	15 m/ Roll

Application: Silicone Coated Fiberglass tube --Cable and wire insulation --Heat protection for hoses and tubes - steel plants, smelters, such as high-temperature glass factory premises cable insulation protection. Spatter a special moment for the steel, the casing thick protective coating on the pipe to a cable excellent protective role.

1) special Silicone Work Temperature : 600℃

2) Fiberglass Tube Work Temperature : 550℃

3) Work Temperature : 550 °C

High-Temperature & Insulation

Silicone-Rubber Coates

Style Aidmer76-010R

Silicone Rubber Coated GF Cloth



They are constructed from a fiberglass base cloth and coated both sides with a specially compounded silicone rubber. They features excellent electrical insulation, heat insulation and chemical corrosion resistance.

Applications: Silicone Coated Fiberglass --Serve as a welding blanket, foundry splash protection --Conveyor belt and expansion joints. --Electrical insulation, chemical corrosion resistance, packing material

1 . The working temperature of the product is -70C ~ 260 C,

2. Technique : One side Or Both side

3. Width : 1000 mm , 1500 mm , 1800 mm

Thick (mm)	Weight (g/m2)	Work temp.	Species	Weave	Clour
0.24 mm	240 ±20 g/m2	-70 °C ~260 °C	Silicone Coated	Plain	1 . Gary 2 . Red
0.44 mm	350 ±20 g/m2	-70 °C ~260 °C	Silicone Coated	Plain	
0.66 mm	480 ±20 g/m2	-70 °C ~260 °C	Silicone Coated	Plain	
0.80 mm	600 ±20 g/m2	-70 °C ~260 °C	Silicone Coated	Plain	
1.00 mm	800 ±20 g/m2	-70 °C ~260 °C	Silicone Coated	Plain	

High-Temperature & Insulation

Ceramic Fiber Textile



- Aidmer76-015Y Ceramic Fiber Yarn
- Aidmer76-220 Ceramic Fiber Braided Rope(square/Round)
- Aidmer76-230 Ceramic Fiber Tape
- Aidmer76-210 Ceramic Fiber Cloth

All of our ceramic fiber textiles are made from alumina-silica ceramic fiber and are free of asbestos. These ceramic fiber textiles can be used in different industrial applications under temperatures up to 2300 °F (1260 °C) and have Excellent chemical stability and strong resistance to thermal shock and corrosion attack. Exceptions are hydrofluoric and phosphoric acids and concentrated alkalis.

If the ceramic fiber textiles are wet by water or steam, the thermal properties are completely restored upon drying. No water of hydration is present.

Multi-Ply Twisted Ceramic Fiber Rope

These ceramic fiber ropes are produced by twisting multiple plies of ceramic fiber wicking together. Standard 3-ply twisted rope is relatively soft and low in density and is the most economical choice.

This kind of ceramic fiber rope is made by forming many strands of yarn into three separate plies, which are then Twisted into a three-ply rope. This ceramic fiber rope is slightly denser and more durable than the 3-ply twisted ceramic fiber rope made from wicking.

Ceramic Fiber Round Braid and Square Braid

The highest density of all ceramic fiber ropes, the round braid and square braid are produced by over braiding around a core of ceramic fiber to achieve maximum resistance to mechanical abuse. In addition to its superior strength, round braid and square braid also exhibit minimal unraveling when cut.

Woven Ceramic Fiber Cloth, Ceramic Fiber Tape, and Ceramic Fiber Sleeving

Ceramic fiber cloth, ceramic fiber tape, and ceramic fiber sleeving are very flexible fabrics. Insert materials of Inconel wire, SS wire and fiberglass filament are incorporated into the yarn to increase tensile strength of the fabrics both before and after exposure to heat. Typical applications for cloth, tapes, and sleeving include gaskets, seals, furnace and welding curtains or pipe wrapping.

Applications

- Coke oven door jam seal
- Maintenance in aluminum plants
- Foundries, refineries and power plants
- Expansion packing
- Gasket for vacuum degassing of steel
- During pouring
- High temperature gasketing and packing
- Tadpole gasket bulb cord
- Expansion joint packing in boilers and furnaces
- Wood burning stove door seal
- Glass furnace truck stone seal
- Furnace door insulation and seal