

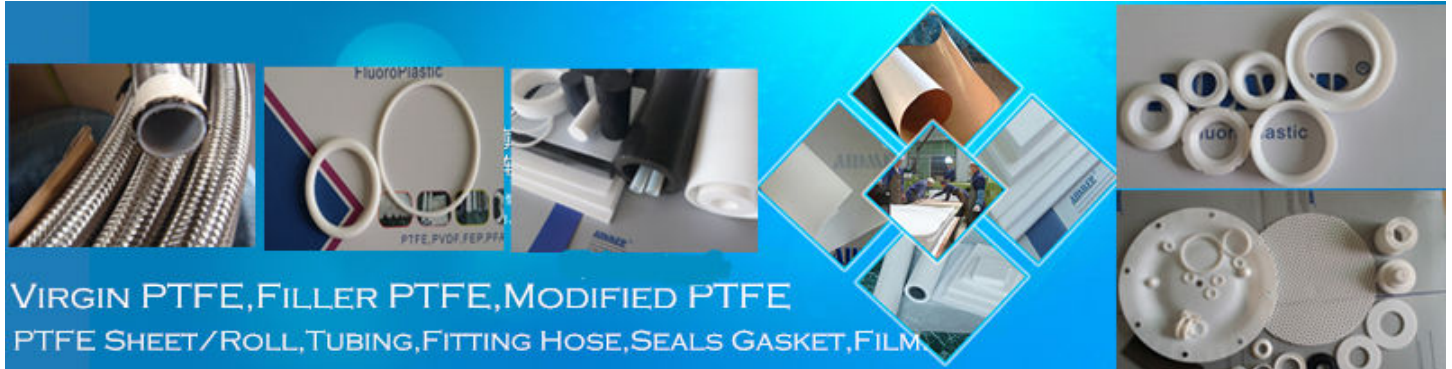
Aidmer Fluid Sealing

Gasket · Packing · Seals · High-Temp.



Our Products:

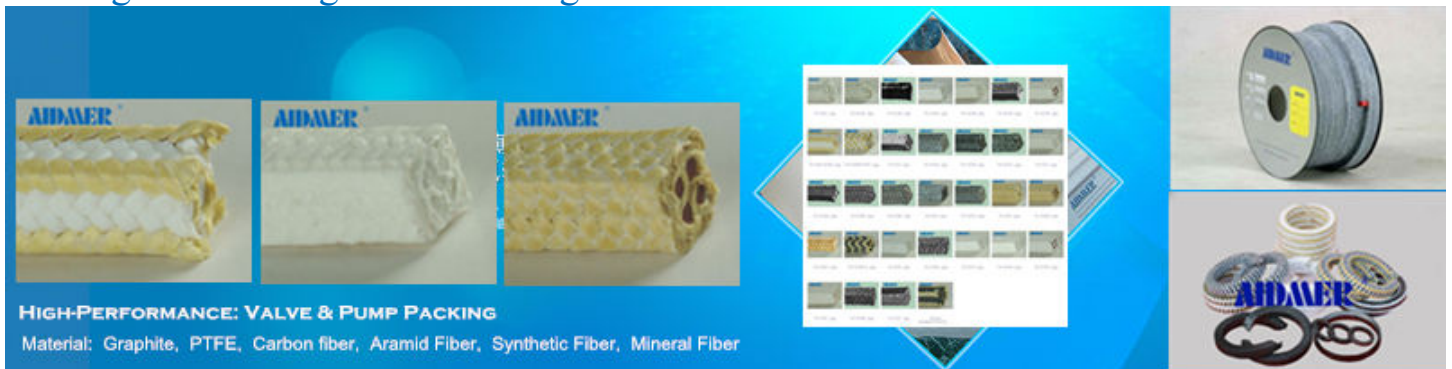
PTFE Semi-Finished Products



Gasket Materials



Stuffing Box Packing-Gland Packing



Comparison Charts- Stuffing box Packing

AIDMER	AMERICAN BRAIDING	SEPCO	UTEX	CHEMSTAR	TEADIT	CHESTERTON	ANCHOR	CRANE	GARLOCK	JM	PALMETTO	RM
76-025	4000	ML - 4461	249	50	2012	1738	1328	1655 - CF	5000	C - 44	1588	864
76-025B	4000 G	ML - 4460	226	90	2200	370 / 477-1	1332	1650 - CF	98 / 88	5319 / C45 / C19	1585	861 / 862
76-029	344	ML - 2236	232	154	2005FDA	1724 / 324	1121	C - 1045	5888 / PM - 7	VX - 1 / VX - 2	1367H	847
76-023	344 BIL	ML - 2235	231	154-S	2006	328 / 1728	1123	C - 1050	5889 / PM - 8	CX - 1	1367S	849
76-024A	8000T	ML - 4002	--	165	2076	--	1128	--	5100	5320 / C26	1389	845
76-024B	8200BIL	ML - 3600	--	165LA	2007	1750	--	C - 1065 CGF	PM - 6	--	--	--
76-027A	8000T-K	ML - 4004	214	165K	2017	--	--	C - 1064	6 - K	C - 27	1359	844
76-027B	.	.	216.	--.	2017/Z.	--.
76-026	300	ML - 4800	213	170	2004	1740	1335	1730	5200 / PM - 5	C - 17 / 5317	1350	981
76-030B	345	219	201 / 206	525-T	2421	329	381	867	5413	--	1613	523 / 528T
76-022B	--	--	687	1100CR	2202	1400R	--	G57	--	--	--	--
76-031	5000I	--	689	1100I	2000I	1600	--	G58I	1303 FEP	--	--	GRAPHA - STAR
76-022	5000	ML - 2001	686	1100 TCP	2000	1400	815	1656 / G58	1300	--	FLEXI - BRAID / 5000	GRAPHA - BRAID
76-019A	--	ML - 2225	238	1152	2127	1710 / 412-W	1326 / 1334 / 1338 /	1335	8922 PM - 1	C - 47, 49	1347AF	941

Comparison Charts- Stuffing box Packing

AIDMER	AMERICAN BRAIDING	SEPCO	UTEX	CHEMSTAR	TEADIT	CHESTERTON	ANCHOR	CRANE	GARLOCK	JM	PALMETTO	RM
76-020	3000T-K	ML - 2225A	217	1152K	2003	--	1338K	--	8921 - K	--	--	945
76-020B	--	--	215	--	2003/Z	--		--	--	--		
76-070	320	ML - 2400	248	1190	2777	1727	--	--	--	--	1392	980
76-019B	3000G	ML - 402	236	1398	2255	--	1337 / 1333	1340	8913 / PM - 2	--	1007AF / 1030AF	943 / 968
76-024S				--	2022	--	--			--	--	
76-029S				--	2024	--	--			--	--	
76-029T				--	2050	--	--			--	--	
76-031C			691	--	2035	--						
76-030				--	2422	--						
76-016F				--	2026	--						
76-016G				--	2027	--						
76-019D				--	2808	--						
76-012S				4200		--						
76-012R				4100		--						
76-026B			240			--						
76-024G			243			--						
76-029G			278			--						
76-020A			241			--						
76-022A			688			--						
76-019			237			--						
76-025B			228			--						
76-024AK		ML- 8004			2070	--						

INSTALLATION OF PUMP PACKINGS

- 1 Remove all the old packing stuffing box and shaft thoroughly.
- 2 Check the shaft and replace it if wear is excessive.
- 3 Choose the most suitable packing for each service, and also the correct cross-section of packing.
Cut rings with the suitable length. The best way to cut packing rings is to cut them on a mandrel with the same diameter as the shaft in the stuffing box area. Die cut rings are a great advantage as they give you the exact size ring.
- 4 Insert each ring into the box, making certain it fits the packing space properly.
Joints of successive rings should be staggered and kept at least 90 degrees apart.
- 5 After the last ring is installed, take up gland bolts finger tight or very slightly snugged up.
Do not jam the packing into place by excessive gland loading.
- 6 Allow packing to leak freely starting up a newly packed pump. Take up gradually on the gland as the packing seats, until leakage is reduced to a tolerable level, preferably 8-10 drops per minute, per inch of shaft diameter.
...Stopping leakage entirely at this point will cause the packing to burn, scratching the shaft.

VALVES

As with pump packing, the first step on getting the most out of a valve packing is correct installation.

- 1 Carefully perform all operation listed under pump packing steps 1-5.
- 2 Turn valve stem back and forth to determinate ease of turning.
- 3 Inspect the valve after it has been on line. If leakage is observed, adjust the gland in accordance with safe maintenance procedures and manufacturer's recommendations.



TECHNICAL INFORMATION. OPERATING DATA FOR BRAIDED PACKINGS



2-fold diagonal braid:
Relatively coarse surface
Good elasticity



3-fold diagonal braid:
Good cross-sectional stability.
Very tight structure



4-fold diagonal braid:
High wear resistance
High cross-sectional stability
Relatively smooth surface



Single or multiple concentric braid around a core:
Very fine and tight surface
Low resistance to mechanical wear

Stuffing Box Packing

-General Application

Style Aidmer76-024B



Material:

graphite-PTFE compound with lubricant. very good thermal conductivity. High flexibility and volumetric stability, no embrittlement or ageing. Long life with good operating efficiency. Gentle treatment of shafts. It has lubricant

Application Areas:

Style Aidmer76-024B can be used in pumps, agitators, mixers and kneader centrifugal pumps, agitators, involving high peripheral speeds and temperatures, where pure PTFE packing fails.

Application Media:

Style Aidmer76-024B is suitable for liquid and gaseous acids, lyes, solvents, adhesives, abrasive and crystalline media like sewage, slurries, salt, etc

Not suitable for:

Highly oxidizing media like oleum, fuming nitric acid, aqua regia, gaseous fluorine, lacquer and paints.

Application Data:

	Rotary	Reciprocating	Valve
Pressure: bar	50	200	300
Speed: m/s	20	3	2
pH Range	0 - 14		
Temp. °C	-200 to +270		

Stock Dimension: (Max. size: 4" square)

mm sq.	3	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	69.4	39.0	25.0	17.4	12.75	9.77	6.3	5.21	4.34	3.7	3.2	2.78	2.5	1.95	1.7	1.56	1.29	1.09	1.0
Inch sq	1/8	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	100	64	44	25		16.2	11.4	8.3	6.36		5.1		4.1	3.4	2.8	2.41	2.07	1.81	1.6
Packaging	5kgs per coil				5kgs per coil				5kgs per coil										

Note: 1/8", 3/16" (Less than 7mm) are square braided construction.

(Other Packaging on your request)

Stuffing Box Packing

-General Application:

Style Aidmer76-019A



Material:

Aidmer76-019A was made from Synthetic Composite yarn, and impregnated with PTFE emulsion (No lubricants or oils)

Application areas:

Style Aidmer76-019A can be used in Rotary shafts, reciprocating applications and valves.

Application media:

Style Aidmer76-019A is suitable for Alkalies, mild acids, solvents, steam and oils.

Not suitable for :

Concentrated acids and lyes, oxygen, lacquers and paint

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	28	100	200
Speed:m/s	14	2	1.5
pH Range	2 - 12		
Temp. °C	-17 to +260		

Stock Dimension: (Max. size: 4" square)

mm sq.	3	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	79	44	28	20	15	11.4	7.3	6.1	5.1	4.4	3.8	3.3	2.95	2.33	2.09	1.92	1.58	1.33	1.23
Inch sq	1/8	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	103	65.6	46	26		17.1	12.1	9.0	6.85		5.40		4.45	3.65	3.10	2.65	2.30	2.00	1.75
Packaging	5kgs per coil				5kgs per coil				5kgs per coil										

Note: 1/8", 3/16"(Less than 7mm)are square braided construction.
(Other Packaging on your request)

Stuffing Box Packing

-General Application:

Style Aidmer76-025



Aidmer76-025B Carbon fibre braided packing with PTFE emulsion (without lubricant)

Material:

Carbon Fiber yarn, Impregnated with PTFE emulsion or lubricant.

Application Areas:

Style Aidmer76-025/Aidmer76-025B can be used in pumps, agitators mixers and kneader centrifugal pumps, sliders, stirring equipment, valves, paper mill etc.

Application Media:

Style Aidmer76-025/Aidmer76-025B is suitable for liquid and gaseous, acids, lyes, solvents, adhesives, abrasive and crystalline media like sewage etc.

Not suitable for:

strongly oxidizing media such as oleum, fuming nitric acid and gaseous fluorine.

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	8	150	150
Speed:m/s	22.8	2	1.5
pH Range	0 - 14		
Temp. °C	Max. +260		

Stock Dimension: (Max. size: 4" square)

mm sq.	3	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	68	39	25	17	12	9.89	6.37	5.25	4.47	3.85	3.3	2.9	2.58	2.04	1.88	1.75	1.44	1.22	1.15
Inch sq	1/8	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	111	74.4	51.8	29.2		18.9	13.5	9.8	7.73		6.14		5.09	4.19	3.64	3.14	2.70	2.40	2.07
Packaging	5kgs per coil				5kgs per coil				5kgs per coil										

Note: 1/8" , 3/16"(Less than 7mm)are square braided construction.

(Other Packaging on your request)

Stuffing Box Packing

-General Application:

Style Aidmer76-023



Material:

Interlock braided PTFE yarn, Long lubricant squeezed out under operating pressure soft. self-lubrication

Application areas:

Style Aidmer76-023 can be used in valves, plunger pumps, agitators, mixers, expansion joints, etc. Specifically suited for high pressure valves

Application media:

Style Aidmer76-023 is suitable for water, steam, concentrated acids and caustics, solvents, oils, fatty acids, detergents, aggressive gases, resistant to gamma and neutron rays, hydrogen, heat transfer oils, and most other chemicals and solvents

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	11	100	100
Speed:m/s	18	2	1.5
pH Range	0 - 14		
Temp. °C	-240 to +260		

Stock Dimension: (Max. size: 4" square)

mm sq.	3	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	69.4	39.0	25.0	17.4	12.75	9.77	6.3	5.21	4.34	3.7	3.2	2.78	2.5	1.95	1.7	1.56	1.29	1.09	1.0
Inch sq	1/8	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	100	64	44	25		16.2	11.4	8.3	6.36		5.1		4.1	3.4	2.8	2.41	2.07	1.81	1.6
Packaging	5kgs per coil				5kgs per coil				5kgs per coil										

Note: 1/8" , 3/16"(Less than 7mm)are square braided construction.
(Other Packaging on your request)

Stuffing Box Packing

-General Application:

Style Aidmer76-025C



Material:

carbon fiber yarn, impregnated with graphite flakes

Application Areas:

Style Aidmer76-025C can be used in pumps, boiler feed pumps, valves, mixers, refiners, etc. in many different industries like pulp & paper, power stations, chemical and pharmaceutical industry.

Application Media:

Style Aidmer76-025C is suitable for early all media, cold and hot water, steam, chemicals, hot gases, alcohol, solvents, heat transfer agents, etc

Not suitable for:

highly concentrated corrosive acids

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	8	180	180
Speed:m/s	22.8	2	1.5
pH Range	0 - 14		
Temp. °C	Max. +314		

Stock Dimension: (Max. size: 4" square)

mm sq.	3	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	87.3	49.1	31.3	21.6	16	12.6	8.11	6.69	5.69	4.9	4.21	3.7	3.29	2.59	2.39	2.22	1.83	1.55	1.46
Inch sq	1/8	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	116	74.4	51.8	29.2		18.9	13.5	9.8	7.73		6.14		5.09	4.19	3.64	3.14	2.70	2.40	2.07
Packaging	5kgs per coil				5kgs per coil					5kgs per coil									

Note: 1/8" , 3/16"(Less than 7mm)are square braided construction.

(Other Packaging on your request)

Stuffing Box Packing

-General Application:

Style Aidmer76-028



Material:

Square braided white and long asbestos fiber cords impregnated with PTFE emulsion.(addition of lubricant is optional.)

Application Areas:

Style Aidmer76-028 can be used in all rotating and reciprocating pumps, mixers and valves.

Application Media:

Style Aidmer76-028 is suitable for sealing against hot and cold water, ammonia, caustics, mild acids, difficult chemicals, air, gases, steam, solvents,oil and most marine applications.

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	50	100	150
Speed:m/s	10	3	1.5
pH Range	2 - 12		
Temp. °C	Max.+260		

Stock Dimension: (Max. size: 4" square)

mm sq.	3	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	74	41	27	19	14	11.1	7.0	6.0	5.0	4.2	3.75	3.3	3.0	2.35	2.13	1.95	1.65	1.43	1.31
Inch sq	1/8	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	96	64	43	25		16.3	11.6	8.6	6.95		5.40		4.50	3.75	3.15	2.80	2.40	2.10	1.85
Packagin g	1kgs per coil				2.5kgs per coil						5kgs per coil								

(Other Packaging on your request)

Stuffing Box Packing

- Pump Packing

Style Aidmer76-019D



Material:

Aidmer76-019D is Special synthetic composite yarn impregnated with special lubricant and graphite flakes.

Application areas:

Style Aidmer76-019D can be used in pumps, mixers, kneaders and valves in all sorts of industries.

Application media:

Style Aidmer76-019D is suitable for dynamic and static applications in pumps, mixers, kneaders and valves in all sorts of industries.

Not suitable for : Concentrated acids and lyes, oxygen.

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	10	100	100
Speed:m/s	16	2.5	1.5
pH Range	4 - 10		
Temp. °C	-17 to +260		

Stock Dimension: (Max. size: 4" square)

mm sq.	3	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	79	44	28	20	15	11.4	7.3	6.1	5.1	4.4	3.8	3.3	2.95	2.33	2.09	1.92	1.58	1.33	1.23
Inch sq	1/8	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	103	65.6	46	26		17.1	12.1	9.0	6.85		5.40		4.45	3.65	3.10	2.65	2.30	2.00	1.75
Packaging	5kgs per coil				5kgs per coil						5kgs per coil								

Note: 1/8", 3/16"(Less than 7mm)are square braided construction.
(Other Packaging on your request)

Stuffing Box Packing

-Pump Packing

Style Aidmer76-019B



Material:

Aidmer76-019B is Inter lock braided Synthetic Composite, impregnated with PTFE emulsion and Lubricant.

Application areas:

Style Aidmer76-019B can be used in pumps, mixers, kneaders and valves in the chemical, pharmaceutical, pulp- and paper and food industry

Application media:

Style Aidmer76-019B is suitable for general acids, most chemicals, oils, lyes, gases, solvents, and water exception for Concentrated acids and lyes, oxygen, lacquers and paint.

Not suitable for : Concentrated acids and lyes, oxygen, lacquers and paint

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	5	100	200
Speed:m/s	8	2	1.5
pH Range	2 - 12		
Temp. °C	-17 to +260		

Stock Dimension: (Max. size: 4" square)

mm sq.	3	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	79	44	28	20	15	11.4	7.3	6.1	5.1	4.4	3.8	3.3	2.95	2.33	2.09	1.92	1.58	1.33	1.23
Inch sq	1/8	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	103	65.6	46	26		17.1	12.1	9.0	6.85		5.40		4.45	3.65	3.10	2.65	2.30	2.00	1.75
Packaging	5kgs per coil					5kgs per coil					5kgs per coil								

Note: 1/8", 3/16"(Less than 7mm)are square braided construction.
(Other Packaging on your request)

Stuffing Box Packing

-Pump Packing

Style Aidmer76-026



Material:

Aramid fiber braided packing is made of Du Pont's Kevlar yarn impregnated with PTFE emulsion and processed with lubricant. as the strength and module of Kevlar is as high as the steel-like strength.

Application Areas:

Style Aidmer76-026 can be used in rotary pump , valves, piston pumps, mixers, reactors, pulp and paper, pharmaceutical, food, sugar, chemical and petrochemical, power stations, steel mills and many area. Also ideal as anti-extrusion rings in combination with softer packing

Application Media:

Style Aidmer76-026 is suitable for most chemicals, water, steam, oils, solvents, abrasive sand, slurry and other gritty media

Not suitable for:

highly concentrated acids, caustic solutions, alkali metals, oxygen

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	31	150	150
Speed:m/s	22.8	2	2
pH Range	2 - 12		
Temp. °C	-180 to +260		

Stock Dimension: (Max. size: 4" square)

mm sq.	3	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	79	43.1	28	19.6	15	11.1	7.19	5.92	4.96	4.21	3.63	3.2	2.79	2.21	1.98	1.74	1.48	1.22	1.13
Inch sq	1/8	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	103	65.2	46	26		16.4	11.8	8.7	6.58		5.29		4.23	3.48	2.97	2.49	2.18	1.87	1.63
Packaging							5kgs per coil												

Note: 1/8" , 3/16"(Less than 7mm)are square braided construction.(Other Packaging on your request)

Stuffing Box Packing

-Pump Packing

Style Aidmer76-026A



Material:

Aramid fiber braided packing is made of Du Pont's Kevlar yarn impregnated with PTFE emulsion, **no any lubricant**. It was harder than Aidmer76-026, as the strength and module of Kevlar is as high as the steel-like strength.

Application Areas:

Style Aidmer76-026A can be used in rotary pump, valves, piston pumps, mixers, reactors, pulp and paper, pharmaceutical, food, sugar, chemical and petrochemical, power stations, steel mills and many area. Also ideal as anti-extrusion rings in combination with softer packing.

Application Media:

Style Aidmer76-026A is suitable for most chemicals, water, steam, oils, solvents, abrasive sand, slurry and other gritty media etc

Not suitable for:

highly concentrated acids, caustic solutions, alkali metals, oxygen

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	31	150	150
Speed:m/s	22.8	2	1.5
pH Range	2 - 12		
Temp. °C	-180 to +260		

Stock Dimension: (Max. size: 4" square)

mm sq.	3	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	79	43.1	28	19.6	15	11.1	7.19	5.92	4.96	4.21	3.63	3.2	2.79	2.21	1.98	1.74	1.48	1.22	1.13
Inch sq	1/8	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	103	65.2	46	26		16.4	11.8	8.7	6.58		5.29		4.23	3.48	2.97	2.49	2.18	1.87	1.63
Packaging	1kgs per coil				2.5kgs per coil				5kgs per coil										

Note: 1/8" , 3/16"(Less than 7mm)are square braided construction. (Other Packaging on your request)

Stuffing Box Packing

Style Aidmer76-026F



Material:

Aramid fiber, Fiberglass yarn of core and processed with lubricant, impregnated with PTFE emulsion,.

Application Areas:

Style Aidmer76-026F can be used in rotary pump , valves, piston pumps, mixers, reactors, pulp and paper, pharmaceutical, food, sugar, chemical and petrochemical, power stations, steel mills and many area. Also ideal as anti-extrusion rings in combination with softer packing

Application Media:

Style Aidmer76-026F is suitable for most chemicals, water, steam, oils, solvents, abrasive sand, slurry and other gritty media

Not suitable for:

highly concentrated acids, caustic solutions, alkali metals, oxygen

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	26	150	150
Speed:m/s	16	2	2
pH Range	2 - 12		
Temp. °C	-180 to +260		

Stuffing Box Packing

Multi-Purpose Packing

-(FDA Approval)

Style Aidmer76-029



Material:

100% PTFE yarn, without the use of additional lubricants or break-in oils. Fast and simple to install, with minimum maintenance requirements.

Application Areas:

Style Aidmer76-029 can be used in centrifugal and rotary shafts, reciprocating applications, and valve stems, sliders, mixers, vessels and pumps, power industry etc

Application Media:

Style Aidmer76-029 is suitable for pharmaceutical and food applications, potable water, solvents, oils, gases, effluents, oxygen etc.

Not suitable for:

Molten alkali metals and fluorine compounds at high temperatures and pressures

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	11	250	180
Speed:m/s	13	2	1.5
pH Range	0 - 14		
Temp. °C	-240 to + 260		

Stock Dimension: (Max. size: 4" square)

Stuffing Box Packing (Gland Packing) -Marine Packing

Style Aidmer76-030



Material: Ramie fibre, impregnated with PTFE emulsion, and lubricant.

Application Areas:

Style Aidmer76-030 can be used in rotary , reciprocating pumps, valves. pulp and paper, marine industry.

Application Media:

Style Aidmer76-030 is suitable for cold and hot water, hydrous solutions containing solids, cellulose slurry, brine, oils, greases etc.

Not suitable for:

acids and high concentrated lyes, oxygen

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	25	80	140
Speed:m/s	12	3	1.5
pH Range	4 - 12		
Temp. °C	-50 to + 130		

Stock Dimension: (Max. size: 4" square)

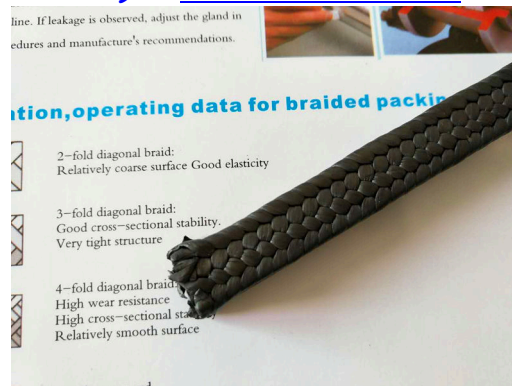
mm sq.	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	44	28	20	15	11.4	7.30	6.1	5.1	4.4	3.8	3.4	2.95	2.40	2.15	2.00	1.60	1.40	1.25
Inch sq.	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	65.6	46	26		17.0	12.2	9.0	6.80		5.40		4.50	3.70	3.20	2.70	2.40	2.10	1.85
Packaging	1kgs per coil		2.5kgs per coil				5kgs per coil											

Note: 3/16"(Less than 7mm)are square braided construction.
(Other Packaging on your request)

Stuffing Box Packing

Multi-Purpose Packing

Style Aidmer76-024A



Material:

was made from graphite-PTFE composite. Without any lubricant. very good thermal conductivity. High flexibility and volumetric stability, no embrittlement or ageing. Universal resistance to chemicals with the exception of strongly oxidizing media such as oleum, fuming nitric acid and gaseous fluorine. Extremely wide range of uses in pumps (uncooled operation possible with hot water up to 160°C), agitators mixers and kneader centrifugal pumps, auto valves. for all types of industry. Long life with good operating efficiency. Gentle treatment of shafts. It have any lubricant, This is similar between GFO Style packing.

Application Areas:

Style Aidmer76-024A can be used in pumps, agitators mixers and kneader centrifugal pumps, paint and lacquer industry. sliders, stirring equipment, valves.

Application Media:

Style Aidmer76-024A is suitable for most media including the most aggressive ones, oxygen, paints, lacquers, varnishes etc.

Not suitable for:

Alkali metals, fluorine and fluorine compounds at high temperatures and pressures, fuming nitric acid, aqua regia.

Application Data:

	Rotary	Reciprocating	Valve
Pressure: bar	50	200	300
Speed: m/s	20	3	2
pH Range	0 - 14		
Temp. °C	-200 to +270		

Stock Dimension: (Max. size: 4" square)

mm sq.	3	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	78.8	44.3	28.2	20.3	15	11.3	7.41	6.21	5.22	4.4	3.87	3.31	2.97	2.29	2.11	1.91	1.59	1.32	1.19
Inch sq	1/8	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	104	67	46	27		17.2	12.51	9.07	6.89		5.50		4.48	3.79	3.18	2.77	2.39	2.10	1.85
Packaging	5kgs per coil				5kgs per coil				5kgs per coil										

Note: 1/8" , 3/16"(Less than 7mm) are square braided construction.
(Other Packaging on your request)

Stuffing Box Packing

Multi Purpose Packing

Style Aidmer76-029A



Material: Pure PTFE filament yarns, impregnated with PTFE dispersion. Firm high-density braided packing.

Application Areas:

Style Aidmer76-029A can be used in a wide range of process chemicals and concentrated acids, valve stems, rotary shafts, reciprocating equipment, and other processing equipment high peripheral speed, rod, pistons

Application Media:

Style Aidmer76-029A is suitable for Water, steam, concentrated acids and caustics, solvents, oils, fatty acids, detergents, aggressive gases, resistant to gamma and neutron rays, hydrogen, heat transfer oils, and most other chemicals and solvents.

Not suitable for:

Molten alkali metals and fluorine compounds at high temperatures and pressures

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	11	250	180
Speed:m/s	12	2	1.5
pH Range	0 - 14		
Temp. °C	-240 to + 260		

Stock Dimension: (Max. size: 4" square)

mm sq.	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	44	27.5	20	15	11.2	7.33	6.06	5.1	4.4	3.78	3.3	2.93	2.31	2.11	1.91	1.58	1.32	1.21
Inch sq.	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	67.7	46	26		16.8	11.9	8.8	6.90		5.40		4.40	3.69	3.15	2.66	2.31	2.05	1.72
Packaging	1kgs per coil		2.5kgs per coil				5kgs per coil											

Note: 3/16"(Less than 7mm)are square braided construction.
(Other Packaging on your request)

Stuffing Box Packing

Multi Purpose Packing

Style Aidmer76-029B



Material: Pure PTFE filament yarns, impregnated with PTFE emulsion and lubricant.

Application Areas:

Style Aidmer76-029B can be used in valves, plunger pumps, agitators, mixers, expansion joints, etc. Specifically suited for high pressure valves.

Application Media:

Style Aidmer76-029B is suitable for Water, steam, concentrated acids and caustics, solvents, oils, fatty acids, detergents, aggressive gases, resistant to gamma and neutron rays, hydrogen, heat transfer oils, and most other chemicals and solvents.

Not suitable for:

Molten alkali metals and fluorine compounds at high temperatures and pressures

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	21	120	120
Speed:m/s	18	2	1.5
pH Range	0 - 14		
Temp. °C	-240 to + 260		

Stock Dimension: (Max. size: 4" square)

mm sq.	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	44	27.5	20	15	11.2	7.33	6.06	5.1	4.4	3.78	3.3	2.93	2.31	2.11	1.91	1.58	1.32	1.21
Inch sq.	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	67.7	46	26		16.8	11.9	8.8	6.90		5.40		4.40	3.69	3.15	2.66	2.31	2.05	1.72
Packaging	1kgs per coil			2.5kgs per coil					5kgs per coil									

Note: 3/16"(Less than 7mm)are square braided construction.
(Other Packaging on your request)

Stuffing Box Packing

Valve Packing

Style Aidmer76-022



Material:

braided from pure expanded graphite with high carbon content. It is resilient, self-lubricating, chemically inert and thermally conductive. Aidmer76-022 can be used in both pumps and valves in a wide range of service conditions

Application areas:

Style Aidmer76-022 can be used in Rotary pumps and valves in power stations and boiler houses, in the petrochemical industry and many other industrial areas

Application media:

Style Aidmer76-022 is suitable for Steam, water, fuel, gases, chemicals, mineral and synthetic oils, effluents

Not suitable for :

highly oxidizing media

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	30	N/A	250
Speed:m/s	22.8	N/A	1
pH Range	0 - 14		
Temp. °C	-185 to +450 - in oxid -185 to +650 – in steam		

Stock Dimension:(Max. size: 4" square)

mm sq.	3	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	84.8	47.5	30.8	21.4	15.6	11.4	7.6	6.15	5.09	4.4	4.11	3.6	3.06	2.39	2.21	1.99	1.61	1.39	1.28
Inch sq	1/8	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	112	71.8	49.3	28.1		17.1	13.1	9.51	7.19		5.97		4.78	4.09	3.50	2.91	2.49	2.27	1.98
Packaging	5kgs per coil				5kgs per coil						5kgs per coil								

Note: 1/8", 3/16"(Less than 7mm)are square braided construction.
(Other Packaging on your request)

Stuffing Box Packing

Valve Packing -

Style Aidmer76-022A



Material:

Made from Expanded Flexible Graphite packing is impregnated with PTFE emulsion as a blocking agent thus creating a non-straining packing.

Application areas:

Style Aidmer76-022A can be used in Rotary and centrifugal applications where a high-quality performance product is needed in Pulp and Paper Mill, etc. excellent for valves and other static application.

Application media:

Style Aidmer76-022A is suitable for Steam, water, oil, solvents, alkalies, acids, and most chemicals

Not suitable for :

Oleum, fuming nitric acid, aqua regia and fluorine

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	30	N/A	250
Speed:m/s	22.8	N/A	1
pH Range	0 - 14		
Temp. °C	-185 to +450 - in oxid -185 to +650 – in steam		

Stock Dimension: (Max. size: 4" square)

mm sq.	3	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	75.8	42.9	27.7	19.6	14.2	10.6	7.1	5.89	4.98	4.4	3.81	3.3	2.89	2.39	2.13	1.93	1.61	1.39	1.28
Inch sq	1/8	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	100	64.2	45	25.59		16.4	11.9	8.63	6.6		5.43		4.38	3.75	3.20	2.72	2.35	2.13	1.86
Packaging	1kgs per coil				2.5kgs per coil					5kgs per coil									

Note: 1/8", 3/16"(Less than 7mm)are square braided construction.

(Other Packaging on your request)

Stuffing Box Packing

Valve Packing -

Style Aidmer76-022B



Material:

Carbon Fiber corner yarn, Expanded Graphite yarn,

Application areas:

Style Aidmer76-022B can be used in petro-chemical & refining plants, pulp& paper, power stations and steel mills etc

Application media:

Style Aidmer76-022B is suitable for all demanding applications, both static and dynamic, steam, water, oil, solvents, alkalies, acids, and most chemicals

Not suitable for :

oleum, fuming nitric acid, aqua regia, fluorine

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	30	N/A	250
Speed:m/s	22.8	N/A	1
pH Range	0 - 14		
Temp. °C	-185 to +450 - in oxid -185 to +650 – in steam		

Stock Dimension:

mm sq.	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	20.2	16.9	13.0	7.58	7.28	6.00	5.08	4.29	3.61	3.17	2.56	2.38	2.16	1.64	1.49	1.27
Inch sq	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	28.9		18.87	13.76	10.6	7.97		6.29		5.08	4.07	3.49	3.00	2.68	2.29	2.00
packaging	2.5kgs per coil						5kgs per coil									

(Other Packaging on your request)

Stuffing Box Packing

Style Aidmer76-022C



Material:

Graphite yarn and carbon fiber yarn braided, and finished packing, impregnated with PTFE emulsion. and lubricated special oil. Aidmer76-022C is a high strength packing, resists extrusions, ideally suited to the high end valve packing areas. This packing has applications especially suited to the petro-chemical & refining, pulp & paper, sugar, and power generation.

Application areas:

Style Aidmer76-022C can be used in petro-chemical & refining plants, pulp& paper, power stations and steel mills etc

Application media:

Style Aidmer76-022C is suitable for all demanding applications, both static and dynamic, steam, water, oil, solvents, alkalies, acids, and most chemicals

Not suitable for :

oleum, fuming nitric acid, aqua regia, fluorine

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	30	N/A	250
Speed:m/s	22.8	N/A	1
pH Range	0 - 14		
Temp. °C	-185 to +450 - in oxid -185 to +650 – in steam		

Stock Dimension:

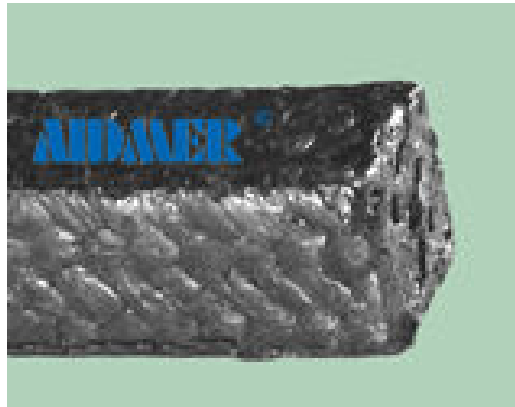
mm sq.	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	20.2	16.9	13.0	7.58	7.28	6.00	5.08	4.29	3.61	3.17	2.56	2.38	2.16	1.64	1.49	1.27
Inch sq	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	28.9		18.87	13.76	10.6	7.97		6.29		5.08	4.07	3.49	3.00	2.68	2.29	2.00
packaging	5kgs per coil						5kgs per coil									

(Other Packaging on your request)

Stuffing Box Packing

Valve Packing -

Style Aidmer76-031



Material:

Expanded pure graphite yarn, each yarn reinforced with Inconel wire.

Application areas:

Style Aidmer76-031 can be used in valve and some rotary application, high temperature valve and soot blowers

Application media:

Style Aidmer76-031 is suitable for all application. seals hot water, high temperature and pressure steam, heat transfer fluid, hydrogen gas, ammonia. Solvents. Hydrocarbons. Cryogenic liquids. etc.

Not suitable for:

Fewer strong oxidizers

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	N/A	N/A	350
Speed:m/s	N/A	N/A	1.5
pH Range	0 - 14		
Temp. °C	-185 to +550 - in oxid -185 to +650 – in steam		

Stock Dimension: (Max. size: 4" square)

mm sq.	3	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	84.8	47.5	30.8	21.4	15.6	11.4	7.6	6.15	5.09	4.4	4.11	3.6	3.06	2.39	2.21	1.99	1.61	1.39	1.28
Inch sq	1/8	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	112	71.8	49.3	28.1		17.1	13.1	9.51	7.19		5.97		4.78	4.09	3.50	2.91	2.49	2.27	1.98
Packaging	5kgs per coil				5kgs per coil						5kgs per coil								

Note: 1/8", 3/16"(Less than 7mm)are square braided construction.
(Other Packaging on your request)

Stuffing Box Packing

High Performance

Style Aidmer76-031C



Material:

Style Aidmer76-031C made from layers of flexible graphite tape plied into compact strands; each individual filament is reinforced with an Inconel wire or Stainless steel jacket. This yarn is then square braided to form a dense yet malleable packing, which is subsequently treated with lubricating agents to reduce stem friction and a corrosion inhibitor to prevent pitting. Super-high Temperature & Pressure Valve Packing

Application areas:

Style Aidmer76-031C is used for a high-performance valve packing, especially designed for high-pressure, high-temperature steam service. It is self-lubricating, non-hardening, dimensionally stable and easy to install. The Inconel wire mesh covering makes this packing highly resistant to extrusion, the advanced construction assures superior leakage control and highest integrity in steam, pump seals or valve seals in high pressure and high temperature. Handle water, steam, acids and alkalis for power stations, refineries, boiler plants etc.

Application media:

Super-high Temperature Packings & Pressure Valve Packing, The exclusive packing is formable, yet tough. Rated in steam service 500bar, maintains integrity in steam up to 650 C. It is a cost effective as well as a confident choice.

Advantages:

- high mechanical and thermal stability
- chemically inert within pH range 0 - 14
- quick and easy to install
- suitable for rotary and rising-stem valves
- low friction, special lubricating system
- corrosion inhibitor

Not suitable for: Highly oxidizing agents at high temperature.

Stock Dimension:

5mm x 5mm to 25mm x 25mm
(Other Packaging on your request)

Stuffing Box Packing

Piston Packing

Style Aidmer76-020/A



Material:

Style Aidmer76-020 was made of PTFE yarns

and the reinforced Aramid corner of Aramid fiber. This structure, Enhances the lubricability of Aramid and reinforces the strength of the pure PTFE packing.

Style Aidmer76-020A is made of synthetic composite, Aramid corner and reinforces the strength. finished braiding packing. Aidmer76-020A was special processed This special combination packing uses in the sealing of high pressure piston pump

Application areas:

Style Aidmer76-020/76-020A can be used in piston pumps, valves, pulp, paper, waste water treatment, petrochemical, and other general industrial applications.

Application media:

Style Aidmer76-020/76-020A is suitable for oils, solvents, diluted acids and alkalies. abrasive media like sand, slurry, sewage, brine etc

Not suitable for :

concentrated acids and lyes, alkali metals, fluorine and fluorine compounds at high temperatures, oxygen.

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	27.6	300	300
Speed:m/s	18	3	1.5
pH Range	2 - 12		
Temp. °C	-17 to +260		

Stock Dimension:

mm sq.	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	21.8	15	12.0	7.97	6.57	5.51	4.89	4.16	3.61	3.11	2.64	2.41	2.18	1.80	1.59	1.42
Inch sq	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	28.5		18.2	13.2	9.6	7.34		5.99		4.81	4.17	3.51	3.00	2.58	2.32	2.00
packaging	5kgs per coil						5kgs per coil									

(Other Packaging on your request)

Stuffing Box Packing

(Gland Packing)

Style Aidmer76-020B/C



Material:

Aidmer76-020B was made of high tensile strength aramid fibers and pure PTFE fibers, diagonally position and braided packing. It is for high performance.

Aidmer76-020C is made of Synthetic composite fibers and aramid fiber diagonally position braided packing. It was special processed.

Application areas:

Style Aidmer76-020B/76-020C can be used in pulp and paper applications, waste water treatment, petrochemical, sugar, fertilizer, food industry and high speed with minimal shaft.

Application media:

Style Aidmer76-020B/76-020C is suitable for abrasive ones, cold and hot water, steam, solvents, oils and greases, diluted acids and lyes, brine, sewage, slurries etc

Not suitable for :

highly concentrated acids and lyes, alkali metals, fluorine and fluorine compounds at high temperatures, oxygen

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	31	100	100
Speed:m/s	22	3	2
pH Range	2 - 12		
Temp. °C	-17 to +260		

Stock Dimension:

mm sq.	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	21.8	15	12.0	7.97	6.57	5.51	4.89	4.16	3.61	3.11	2.64	2.41	2.18	1.80	1.59	1.42
Inch sq	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	28.5		18.2	13.2	9.6	7.34		5.99		4.81	4.17	3.51	3.00	2.58	2.32	2.00
packaging	5kgs per coil						5kgs per coil									

(Other Packaging on your request)

Stuffing Box Packing

(Gland Packing)

Style Aidmer76-027A



Material:

High-quality combination of Graphited PTFE incorporated yarn with corner of Aramid fiber,

Application Areas:

Style Aidmer76-027 can be used in piston pumps, mixers, stirrers, reactors, for industrial and chemical process valves, paper mill good for high pressure applications.

Application Media:

Style Aidmer76-027 is suitable for cold and hot water, oils, solvents, greases, diluted acids and lyes, brine, sewage.

Not suitable for:

High concentrated acids and lyes, alkali metals, fluorine and fluorine compounds at high temperatures.

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	31	180	180
Speed:m/s	22.8	3	1.5
pH Range	2 - 12		
Temp. °C	-180 to +260		

Stock Dimension:

mm sq.	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	21.8	15	12.0	7.97	6.57	5.51	4.89	4.16	3.61	3.11	2.64	2.41	2.18	1.80	1.59	1.42
Inch sq	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	28.5		18.2	13.2	9.6	7.34		5.99		4.81	4.17	3.51	3.00	2.58	2.32	2.00
packaging	2.5kgs per coil						5kgs per coil									

Note: 3/16"(Less than 7mm)are square braided construction.
(Other Packaging on your request)

Stuffing Box Packing

(Gland Packing)

Style Aidmer76-027B



Material:

High tensile strength Aramid fiber and High-quality combination of PTFE incorporated graphite yarn, diagonally position and braided packing

Application Areas:

Style Aidmer76-027B can be used in piston pumps, mixers, stirrers, reactors, for industrial and chemical process valves, paper mill good for high pressure applications

Application Media:

Style Aidmer76-027B is suitable for cold and hot water, oils, solvents, greases, diluted acids and lyes, brine, sewage.

Not suitable for:

High concentrated acids and lyes, alkali metals, fluorine and fluorine compounds at high temperatures.

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	31	180	180
Speed:m/s	22.8	3	2
pH Range	2 - 12		
Temp. °C	-180 to +260		

Stock Dimension:

mm sq.	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	21.8	15	12.0	7.97	6.57	5.51	4.89	4.16	3.61	3.11	2.64	2.41	2.18	1.80	1.59	1.42
Inch sq	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	28.5		18.2	13.2	9.6	7.34		5.99		4.81	4.17	3.51	3.00	2.58	2.32	2.00
packaging	2.5kgs per coil						5kgs per coil									

Note: 3/16"(Less than 7mm)are square braided construction.
(Other Packaging on your request)

Stuffing Box Packing

(Gland Packing)

Style Aidmer76-027C



Material:

High-quality special yarn, It was impregnated with PTFE emulsion, with corner of Aramid fibre braided packing

Application Areas:

Style Aidmer76-027C can be used in piston pumps, mixers, stirrers, reactors, for industrial and chemical process valves, paper mill good for high pressure applications.

Application Media:

Style Aidmer76-027C is suitable for cold and hot water, oils, solvents, greases, diluted acids and lyes, brine, sewage.

Not suitable for:

High concentrated acids and lyes, alkali metals, fluorine and fluorine compounds at high temperatures.

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	31	180	180
Speed:m/s	22.8	3	2
pH Range	2 - 12		
Temp. °C	-180 to +260		

Stock Dimension:

mm sq.	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	21.8	15	12.0	7.97	6.57	5.51	4.89	4.16	3.61	3.11	2.64	2.41	2.18	1.80	1.59	1.42
Inch sq	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	28.5		18.2	13.2	9.6	7.34		5.99		4.81	4.17	3.51	3.00	2.58	2.32	2.00
packaging	2.5kgs per coil						5kgs per coil									

Note: 3/16"(Less than 7mm)are square braided construction.
(Other Packaging on your request)

Stuffing Box Packing

Large Diameter Rotary ,
Reciprocating

Style Aidmer76-019E



Material:

Aidmer76-019E is Composite braid, synthetic composite yarn braided around four equally silicone rubber cords, and impregnated with PTFE emulsion and special producing with lubricant. forming a packing that offers excellent resilience and wear resistance. Aidmer76-019E is Excellent for worn glands and for large equipment with eccentricity and run-out problems.

Application areas:

Style Aidmer76-019E is used in large diameter rotary and reciprocating equipment which is worn or has run-out problems.

Application media:

Style Aidmer76-019E is suitable for Alkalies, mild acids, solvents, steam and oils.

Not suitable for:

Concentrated acids and lyes, oxygen, lacquers and paint.

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	25	100	100
Speed:m/s	22.8	2	1.5
pH Range	2 - 12		
Temp. °C	-17 to + 260		

Stock Dimension: (Max. size: 4" square)

mm sq.	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	15	11.2	7.33	6.06	5.1	4.4	3.78	3.3	2.93	2.31	2.11	1.91	1.58	1.32	1.21
Inch sq.		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt		16.8	11.9	8.8	6.90		5.40		4.40	3.69	3.15	2.66	2.31	2.05	1.72
Packaging	5kgs per coil					5kgs per coil									

(Other Packaging on your request)

Stuffing Box Packing

Large Diameter Rotary ,
Reciprocating

Style Aidmer76-024G



Material:

Braided from graphite/PTFE composite, reinforced with four equally spaced silicon rubber cords

Application areas:

Style Aidmer76-024G is used in Rotary and reciprocating shafts, mixers and agitators where run-out and eccentricity are a problem.

Application media:

Style Aidmer76-024G is suitable for water, oils, greases, most chemicals, and brine solutions

Not suitable for:

strongly oxidizing media such as oleum, fuming nitric acid and gaseous fluorine.

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	7	250	120
Speed:m/s	12.7	2	1.5
pH Range	2 - 12		
Temp. °C	-28 to + 260		

Stock Dimension:(Max. size: 4" square)

mm sq.	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	15	11.2	7.33	6.06	5.1	4.4	3.78	3.3	2.93	2.31	2.11	1.91	1.58	1.32	1.21
Inch sq.		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt		16.8	11.9	8.8	6.90		5.40		4.40	3.69	3.15	2.66	2.31	2.05	1.72
Packaging	5kgs per coil					5kgs per coil									

(Other Packaging on your request)

Stuffing Box Packing

Large Diameter Rotary ,
Reciprocating

Style Aidmer76-026B



Material:

High strength aramid fibers, braided around 4 equally spaced silicone silicon rubber cords forming a packing that offers excellent resilience and wear resistance.

Application areas:

Style Aidmer76-026B is used in Rotary and reciprocating shafts, mixers and agitators where run-out and eccentricity are a problem.

Application media:

Style Aidmer76-026B is suitable for Water, hydraulic fluids, oils, and most general services.

Not suitable for:

Highly concentrated acids, caustic solutions, alkali metals, oxygen.

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	30	300	300
Speed:m/s	22.8	2	1.5
pH Range	2 - 12		
Temp. °C	-68 to + 260		

Stock Dimension:(Max. size: 4" square)

mm sq.	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	15	11.2	7.33	6.06	5.1	4.4	3.78	3.3	2.93	2.31	2.11	1.91	1.58	1.32	1.21
Inch sq.		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt		16.8	11.9	8.8	6.90		5.40		4.40	3.69	3.15	2.66	2.31	2.05	1.72
Packaging	2.5kgs per coil					5kgs per coil									

(Other Packaging on your request)

Stuffing Box Packing

Large Diameter Rotary ,
Reciprocating

Style Aidmer76-029G



Material:

Braided with 100% pure PTFE-tapes, reinforced with four silicone rubber cords.

Aidmer76-029G excellent resistance and is designed to sealing applications where large run-out or eccentricity of the shaft exists

Application Areas:

Style Aidmer76-029G can be used in food processing services. Recommended for mixers, agitators, food processing equipment, and reciprocating pumps.

Not suitable for:

Molten alkali metals and fluorine compounds at high temperature and pressure, oxygen

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	30	250	250
Speed:m/s	5	2	1.5
pH Range	3 - 10		
Temp. °C	-68 to + 260		

Stock Dimension: (Max. size: 4" square)

mm sq.	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	15	11.2	7.33	6.06	5.1	4.4	3.78	3.3	2.93	2.31	2.11	1.91	1.58	1.32	1.21
Inch sq.		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt		16.8	11.9	8.8	6.90		5.40		4.40	3.69	3.15	2.66	2.31	2.05	1.72
Packaging	2.5kgs per coil					5kgs per coil									

(Other Packaging on your request)

Stuffing Box Packing

(Gland Packing)

Style Aidmer76-023S PTFE Solid Packing

Description:

Aidmer76-023S PTFE solid packing is an extruded packing made from pure PTFE powder, lubricant. (Similar TEADIT 2024)

Application areas:

Aidmer76-023S has excellent thermal and chemical resistance. Self-lubricating, Which reduces friction on shafts and spindles and resists gas permeation. Abrasive particles get embedded in the body of Aidmer76-023S which prevents damage of the packing. Aidmer76-024S has a very low coefficient of friction and does therefore not scour shafts or spindles. Aidmer76-023S can be used with a wide variety of different media, including abrasive ones.

Application media:

Aidmer76-023S can be used with most substances, both liquid and gaseous. Recommended for acids, lyes, solvents, adhesives, abrasive and crystalline slurries, salt etc.

Not suitable for: Alkali metals, fluorine and fluorine compounds, high temperatures and pressure, highly concentrated nitric acid, oxygen.

Technical data:

ph: 0- 14
Density: 1.8-1.9 gm/cc
Temp. (°C): -100 to 280
Rotary Speed:4 m/s
Pressure:10Bar

Stuffing Box Packing

(Gland Packing)

Style Aidmer76-024S Graphited PTFE Solid Packing

Description:

Aidmer76-024S Graphited PTFE solid packing is an extruded packing made from pure PTFE powder, sulphurless graphite and a food approved lubricant.

Application areas:

Aidmer76-024S has excellent thermal and chemical resistance. Self-lubricating, Which reduces friction on shafts and spindles and resists gas permeation. Abrasive particles get embedded in the body of Aidmer76-024S which prevents damage of the packing. Aidmer76-024S has a very low coefficient of friction and does therefore not scour shafts or spindles. Aidmer76-024S can be used with a wide variety of different media, including abrasive ones.

Application media:

Aidmer76-024S can be used with most substances, both liquid and gaseous. Recommended for acids, lyes, solvents, adhesives, abrasive and crystalline slurries, salt etc.

Not suitable for: Alkali metals, fluorine and fluorine compounds, high temperatures and pressure, highly concentrated nitric acid, oxygen.

Technical data:

ph: 0- 14

Density: Appr. 1.8 gm/cc

Temp. (°C): -100 to 280

Stuffing Box Packing

(Gland Packing)

Style Aidmer76-028A



Material:

Square braided from long asbestos fiber, Finishing braided, It is treated with special lubricant, graphite flakes.

Application Areas:

Style Aidmer76-028A can be used in valves, pumps, reciprocating equipment

Application Media:

Style Aidmer76-028A is suitable for sealing against sweet and sea water, steam, concentrated caustic solutions, brine, mild acids, chemicals, oil an petroleum.

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	30	150	250
Speed:m/s	8	3	1.5
pH Range	4 - 14		
Temp. °C	Max.400		

Stock Dimension: (Max. size: 4" square)

mm sq.	3	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	79	44	27.5	20	15	11.2	7.33	6.06	5.1	4.4	3.78	3.3	2.93	2.31	2.11	1.91	1.58	1.32	1.21
Inch sq	1/8	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	99	67.7	46	26		16.8	11.9	8.8	6.90		5.40		4.40	3.69	3.15	2.66	2.31	2.05	1.72
Packagin g	1kgs per coil				2.5kgs per coil						5kgs per coil								

(Other Packaging on your request)

Stuffing Box Packing

(Gland Packing)

Style Aidmer76-030B



Material: Ramie fibre, and special processed with graphite flakes. Aidmer76-030B was used in a medium hard packing which is lubricated and graphite throughout.

Application Areas:

Style Aidmer76-030B can be used in Marine, rotating and reciprocating pumps, lower pressure valves etc

Application Media:

Style Aidmer76-030B is suitable for Rot resistant and ideal for marine use, handling cold water, brine and cold oils, dynamic sealing

Not suitable for:

acids and high concentrated lyes, oxygen

Application Data:

	Rotary	Reciprocating	Valve
Pressure:bar	25	80	140
Speed:m/s	8	3	1.5
pH Range	4 - 12		
Temp. °C	-50 to + 140		

Stock Dimension: (Max. size: 4" square)

mm sq.	4	5	6	7	8	10	11	12	13	14	15	16	18	19	20	22	24	25
M/kg.abt.	44	28	20	15	11.4	7.30	6.1	5.1	4.4	3.8	3.4	2.95	2.40	2.15	2.00	1.60	1.40	1.25
Inch sq.	5/32	3/16	1/4		5/16	3/8	7/16	1/2		9/16		5/8	11/16	3/4	13/16	7/8	15/16	1
Ft/Lb.abt	65.6	46	26		17.0	12.2	9.0	6.80		5.40		4.50	3.70	3.20	2.70	2.40	2.10	1.85
Packaging	1kgs per coil			2.5kgs per coil					5kgs per coil									

Note: 3/16"(Less than 7mm)are square braided construction.
(Other Packaging on your request)

Stuffing Box Packing

(Gland Packing)

Seals Material

Style Aidmer76-037

GRAPHITED PTFE LUBRICANT YARN



Description:

Style Aidmer76-037 is recommended for the manufacture of braided packing or other sealing elements, working in highly dynamic conditions, when enhanced elasticity is required i.e. mixers etc. Increased smoothness and rigidity of the shaft extends the lifetime of the packing and improves the sealing.

Application:

The yarns are used for manufacturing of high performance braided packing on diagonal or regular braiding machines.

The packing braided from this yarn have the following features:

- excellent sealing properties
- low friction coefficient
- low contact temperature
- rapid heat lead-off from the contact surface
- decrease of the leakage

Main properties:

Properties		Range
Yarn count	Tex	2500-3500
Breaking force	N	≥ 4
Lgnition loss at 260°C	%	< 2
Density	g/cm ³	≥ 1.2
Shrinkage at 260°C	%	14
Graphite content	%	> 4

Stuffing Box Packing

(Gland Packing)

Seals Material

Style Aidmer76-037N

GRAPHITED PTFE YARN (Similar GFO Yarn)



Description:

Graphite PTFE yarn without oil is recommended for the manufacture of braided packing or other sealing elements, working in highly dynamic conditions, when enhanced elasticity is required i.e. mixers etc. Increased smoothness and rigidity of the shaft extends the lifetime of the packings and improves the sealing.

Application:

The yarns are used for manufacturing of high performance braided packings on diagonal or regular braiding machines.

The packing braided from this yarn have the following features:

- excellent sealing properties
- low friction coefficient
- low contact temperature
- rapid heat lead-off from the contact surface
- decrease of the leakage

Main properties:

Properties		Range
Yarn count	Tex	2500-3500
Breaking force	N	≥ 5
Lgnition loss at 260°C	%	< 3
Density	g/cm ³	≥ 1.0
Shrinkage at 260°C	%	14
Graphite content	%	> 2

Stuffing Box Packing

(Gland Packing)

Seals Material

Style Aidmer76-038

Pure PTFE Yarn



Description:

Aidmer76-038 Pure PTFE yarn without Oil is made of expanded PTFE resin and high temperature-resistant lubricants through special treatment, having a high strength, low creep and good self-lubrication, used for braiding of seal packing or other sealing elements, working in highly dynamic conditions, when enhanced elasticity is required i.e. mixers etc. Increased smoothness and rigidity if the shaft extends the lifetime of the packings and improves the sealing. Pure PTFE Yarn without oil is used for braided packing Aidmer 76-029. PTFE yarn with silicon oil. Grade A, B, C can satisfy different demands.

Normal Grade B & C is for core yarn.

Application:

The yarns are used for manufacturing of high performance braided packing on diagonal or regular braiding machines.

Main properties:

Properties		Range
Yarn count	Tex	2500-3500
Breaking force	N	≥40
Ignition loss at 260℃	%	<5
Density	g/cm ³	≥1.4
Shrinkage at 260℃	%	14

Stuffing Box Packing

(Gland Packing)

Seals Material

Style Aidmer76-043

PTFE Yarn with Lubricant



Material:

Aidmer 76-043 PTFE yarn with Oil is made of expanded PTFE resin and high temperature-resistant lubricants through special treatment, having a high strength, low creep and good self-lubrication, used for braiding of seal packings or other sealing elements, working in highly dynamic conditions, when enhanced elasticity is required i.e. mixers etc. Increased smoothness and rigidity if the shaft extends the lifetime of the packings and improves the sealing. Pure PTFE Yarn with oil is used for braided packing Aidmer 76-023. PTFE yarn with silicon oil. Grade A, B, C can satisfy different demands. Normal Grade B & C is for core yarn.

Application:

The yarns are used for manufacturing of high performance braided packings on diagonal or regular braiding machines.

Main properties:

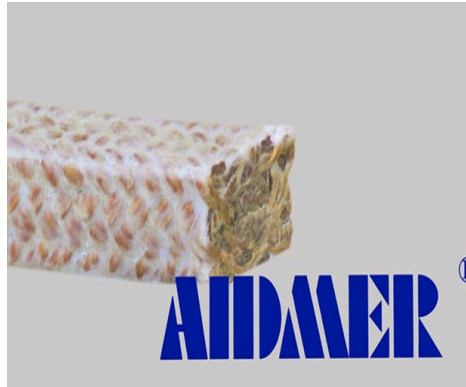
Properties		Range
Yarn count	Tex	2500-3500
Breaking force	N	≥40
Ignition loss at 260℃	%	<5
Density	g/cm ³	≥1.2
Shrinkage at 260℃	%	14

Stuffing Box Packing

High Performance

Style Aidmer76-070

Kynol Fiber Braided Packing



Material:

Aidmer76-070 is made of high-performance synthetic yarns impregnated with PTFE lubrications.

Application Areas:

Excellent general service pump and valve packing, Aidmer76-070 is very pliable and conforms readily to stuffing box configurations, installs easily and needs only minimal gland torque and few adjustments. Aidmer76-070 can be used in most pump and valve in the chemical industry, pulp and paper mills, marine service and many more.

Application Media:

Aidmer76-070 can be used with water, brine, steam, acids, lyes, chemicals, solvents, liquors, oils and greases etc..

Technical Dates:

T(°C)		260
PH		1-13
V		20m/s
	Rotating	25bar
	Reciprocating	100bar
	Valve	200bar
Density (gm/cc)		1.5

Stock dimension:

4.0mm x 4.0mm - 25.4mm x 25.4mm.

Stuffing Box Packing

High Performance

Style Aidmer76-080

White Aramid Fiber Packing



Material:

Aidmer76-070 is made of high-performance synthetic yarns impregnated with PTFE lubrications.

Application Areas:

Excellent general service pump and valve packing, Aidmer76-070 is very pliable and conforms readily to stuffing box configurations, installs easily and needs only minimal gland torque and few adjustments. Aidmer76-070 can be used in most pump and valve in the chemical industry, pulp and paper mills, marine service and many more.

Application Media:

Aidmer76-070 can be used with water, brine, steam, acids, lyes, chemicals, solvents, liquors, oils and greases etc..

Technical Dates:

T(°C)		260
PH		1-13
V		20m/s
	Rotating	25bar
	Reciprocating	100bar
	Valve	200bar
Density (gm/cc)		1.5

Stock dimension:

4.0mm x 4.0mm - 25.4mm x 25.4mm.

Stuffing Box Packing

(Gland Packing)

Style Aidmer76-075 Grease Cotton Packing

Material:

Style Aidmer76-075 is twisted cotton yarn, intensively re-impregnated during braiding. Impregnated with grease.

Application areas:

Style Aidmer76-075 can be used in economical universal packing, suitable for rotating and reciprocating pumps, valves, agitators etc with water, sea-water, alcohol, etc

Application media:

Style Aidmer 76-075 is suitable for water, sea water, alcohol. Etc

Application Data:

	Rotary	Reciprocating	Valve
Pressure: bar	10	20	60
Speed:m/s	10		
pH Range	6-8		
Temp. °C	100		

Stock Dimension:

mm sq.			5	6	8	10	11	12	14	16	18	20	22	25
M/kg.abt.			33.3	23	10.2	7.3	5.4	4.2	3.7	2.7	2.5	1.9	1.4	1.1
Inch sq			3/16	1/14	5/16	3/8	7/16	1/2	9/16	5/8	11/16	13/16	7/8	1
			"	"										
Ft/Lb.abt					18.2	13.2	9.6	7.34	5.99	4.81	4.17	3.00	2.58	2.00
packaging	2.5kg/coil				5.0kg/coil									

(Other Packaging on your request)

Stuffing Box Packing

(Gland Packing)

Style Aidmer76-075P PTFE Cotton Fiber Packing

Description:

Aidmer76-075P COTTON PTFE packing with PTFE Impregnation is made of long cotton fiber yarn impregnated with PTFE and additives. The packing has a low coefficient of friction & is resilient and flexible. (PH: 4-10)

Application areas:

Cotton PTFE universal packing is used for Rotary, reciprocating pumps, in ship building and domestic fresh water pumps.

Application media:

Style Aidmer 76-075P is suitable for water, sea water, alcohol. Etc

Application Data:

	Rotary	Reciprocating	Valve
Pressure: bar	10	20	70
Speed:m/s	10		
pH Range	6-8		
Temp. °C	130		

Stock Dimension:

mm sq.	5	6	8	10	11	12	14	16	18	20	22	25
M/kg.abt.	33.3	23	13	8.3	7.0	5.6	4.3	3.4	2.6	2.2	1.8	1.4
Inch sq	3/16"	1/14"	5/16	3/8	7/16	1/2	9/16	5/8	11/16	13/16	7/8	1

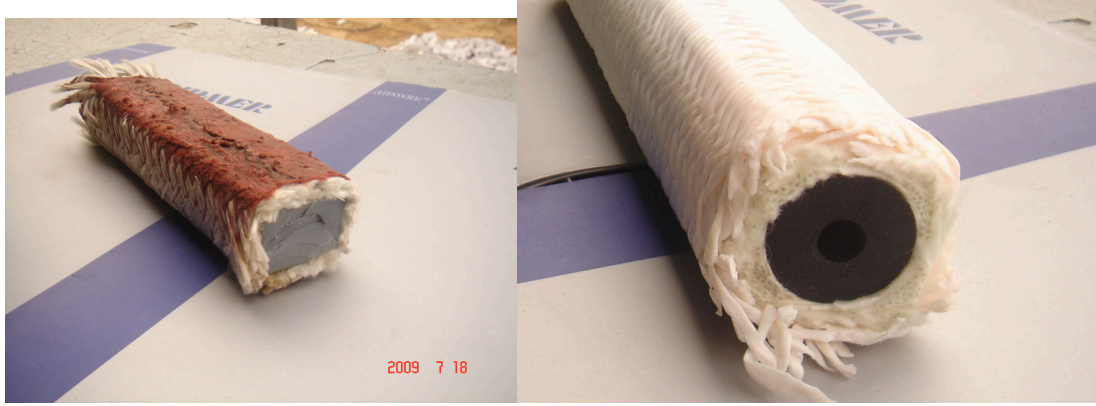
(Other Packaging on your request)

Stuffing Box Packing

Tank Covers, Hatches, Lids

Style Aidmer76-029T

Tank Lid Packing



Material:

Aidmer76-029T Consists of a special hollow NBR rubber core, wrapped in a layer of Pure PTFE tape, This is surrounded by a cushion of synthetic fibres, and a braided outer jacket of strong and durable, Lubricated PTFE yarn, Available in square and rectangular cross section.

Application areas:

Style Aidmer76-029T is universally usable for all kinds lids and hatches, it is flexible and conforms easily to slight irregularities in the grooves. And It can be used with all kind of Tank Lids, hatches etc for ships, barges, road and rail transport vehicles, storage tanks etc.

Application media:

Style Aidmer76-029T was developed for the carrying of hazardous liquid cargoes and can be used with most chemicals likely to be carried, chemicals, solvents, acids, alkalis, oils, foodstuffs etc.

Not suitable for:

Molten alkali metals and fluorine compounds of high temperature and pressure, oxygen, paints and varnishes.

Flange Seals

Expanded PTFE

Style Aidmer76-012S Expanded PTFE Joint Sealant



Density: 0.70g ~ 1.1g/cm³
Tensile Strength: ≥ 8.0Mpa
Volatile content: ≤ 1.0%
Hardness: 30~50A
Creep Relaxation: ≤ 40%
Working Temperature: -240~280°C
Working Pressure: Gas: 1.6Mpa/Liquid: 6.4Mpa
PH Range: 0~14
Moisture Content: ≤ 0.01 %
Moisture Content: 327°C

100% pure expanded PTFE Sealants with self-adhesive film. It's an idea sealant for most pipe fitting and equipments flanges sealing.

Extremely wide range of uses in:

1. Low stress to seal requirements help protect fragile flange and delicate assemblies.
2. Higher resistant to creep and cold flow when sealing of heat exchanger and no need to retight after installation.
3. No precutting and no wasteful scrap saves time and money when sealing large equipment flanges.
4. Since It's so versatile and inert to most chemicals. It's perfect for the most challenging chemical application.
5. Ideal for large, complex or damages sealing surfaces due to its strong yet conformable nature.

Aidmer76-012S is sealing material for valves; It serves as a flange gasket and box packing.

STOCK DIMENSIONS: (OTHER SIZE AVAILABLE ON REQUEST)

Width	3	5	6	7	9	10	12	14	16	17	20	20	25	25	100	100
Thickness(mm)	2	2	3	2.5	4.5	3	4	5	5	6	4	7	6	8	1	0.5
Length(m)	40	25	20	15	10	10	10	5	5	5	5	5	5	5	30	30
Flanges Size	<100	<400	<500	<600	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000

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)

Flange Seals

PTFE Raise Face Gasket

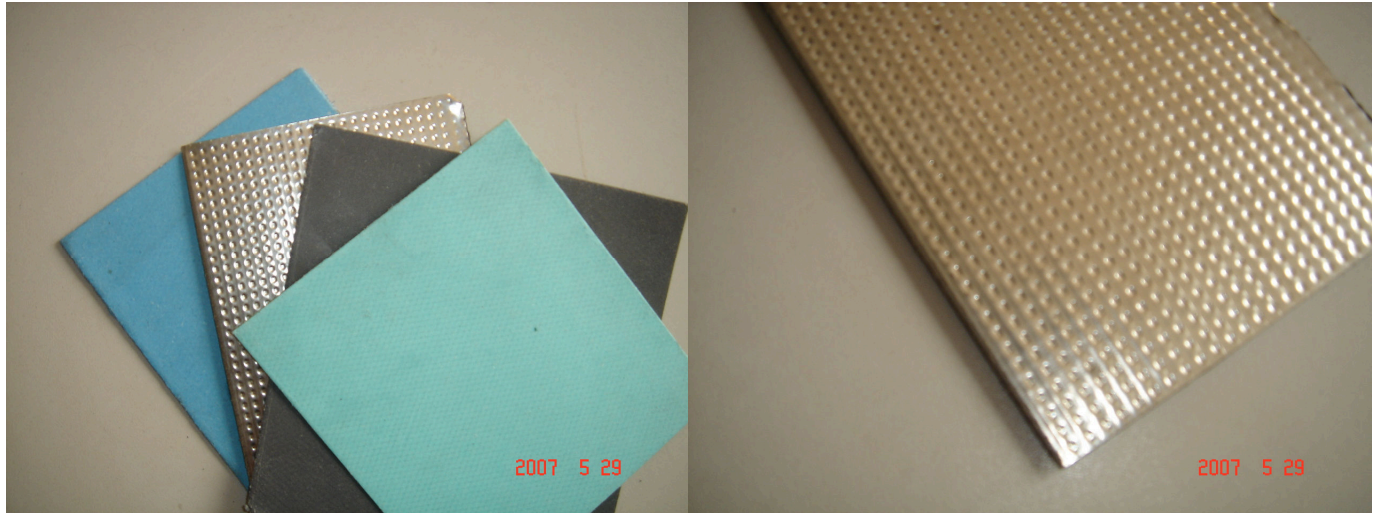
Style Aidmer78-060 PTFE Gasket

ANSI		CEN		JIS	
Specification(mm)		Specification(mm)		Specification(mm)	
DN15	46.5*22*3	DN10	46*18*3	10A	53*18*3
DN20	56*27*3	DN15	51*22*3	15A	58*22*3
DN25	65.5*34*3	DN20	61*27*3	20A	63*28*3
DN32	75*43*3	DN25	71*34*3	25A	74*35*3
DN40	84.5*49*3	DN32	82*43*3	32A	84*43*3
DN50	104.5*61*3	DN40	92*49*3	40A	89*49*3
DN65	123.5*77*3	DN50	107*61*3	50A	104*61*3
DN80	136.5*89*3	DN65	127*77*3	65A	124*77*3
DN100	174.5*115*3	DN80	142*89*3	80A	134*90*3
DN125	196*140*3	DN100	162*115*3	100A	159*115*3
DN150	221.5*169*3	DN125	192*141*3	125A	190*141*3
DN200	278.5*220*3	DN150	218*169*3	150A	220*167*3
DN250	338*273*3	DN200	273*220*3	200A	270*218*3
DN300	408*324*3	DN250	328*273*3	250A	333*270*3
DN350	449*356*3	DN300	378*325*3	300A	378*321*3
DN400	513*407*3	DN350	438*377*3	350A	423*359*3
DN450	548*458*3	DN400	489*426*3	400A	486*410*3
DN500	605*508*3	DN450	539*480*3	450A	541*460*3
DN550	659*559*3	DN500	594*530*3	500A	596*513*3
DN600	716.5*610*3	DN600	695*630*3	600A	700*615*3

Gasket & Material

- Cylinder Head Gasket

Style Aidmer76-011



Aidmer76-011 Reinforced Non Asbestos Sheet(Cylinder head gasket material)

Aidmer76-011B Reinforced with double-side of tanged carbon steel

Aidmer76-011C Reinforced with One side steel sheet, other side non asbestos sheet

Description:

Aidmer76-011 is **Non Asbestos** Sheet Cylinder head gasket is made from Aidmer76-051 and thickness of 0.2-0.25mm perforced Carbon steel insertion.

Aidmer76-011 Gasket material is available in Black, Blue, Green, Red or white. It is an idea material of reinforced graphite gaskets: heat exchanger gaskets, engine heat gaskets etc. It was very popular, Because, Its price is low, and it is without asbestos fibre.

ITEM	UNIT	Aidmer76-011	Aidmer76-007
Thickness Range	mm	1.0-3.0	1.0 – 3.0
Density:	gm/cc	2.2-2.5	2.2-2.5
Loss on Lgnition	%	24-29	24-29
Compressibility	%	25	20
Recovery	%	≥40	≥40
Tensile Strength Crosswise	Bar	≥75	≥65
Thickness Increase	Immersion	3#Oil	%
	Immersion	Oil B	%
		≥30	≥30
		≥25	≥25

Aidmer76-007 Reinforced asbestos sheet (cylinder head gasket sheet)

Aidmer76-007 is made of **Asbestos** sheet paper and with thickness of 0.2-0.25mm perforced carbon steel sheet insertion.

Aidmer76-007B Reinforced with double-side of tanged carbon steel

Aidmer76-007C Reinforced with One side steel sheet, other side non asbestos sheet

Size:

Length: 500mm; 1000mm; 1200mm

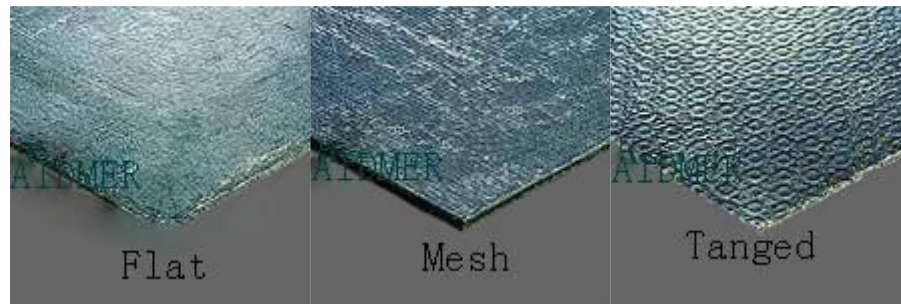
Width: 500mm; 1000mm;

Gasket & Material

- Cylinder Head Gasket

-






Style Aidmer76-002 A/B/C/D/E



Aidmer76-002 Reinforced Graphite Sheet (Cylinder Head Gasket Sheet)

Style Aidmer76-002 is the materials for cutting the Auto Gaskets. Aidmer76-002 is made of flexible graphite sheet (above 98.5% of graphite content) and various steel sheets such as tanged, flat or mesh. It has character of thermally stability, high strength and no cold flow etc. It is an ideal material of all kinds of reinforced graphite gaskets, engine heat gaskets etc. It is better materials for producing Cylinder Head Gasket. (Auto Engineers Gasket)

PARAMETER:

Item		Style				
		Aidmer76-002A	Aidmer76-002B	Aidmer76-002C	Aidmer76-002D	Aidmer76-002E
Reinforced Materials	inserted material	Tanged carbon steel	AISI 304, Tanged	AISI 316, Tanged	AISI 304 wire mesh	AISI 316 wire mesh
	Thickness(mm)	0.2- 0.25mm	0.1- 0.127mm	0.1- 0.127mm	--	--
Construction						
Stability under compressive stress (N/mm ²)		≥ 48	≥ 48	≥ 48	≥ 40	≥ 40
Temperature (°C)		-10 to +550°C	-200 to +600°C	-200 to +600°C	-200 to +600°C	-200 to +600°C
ASTM F36A-66 Compressibility		≥ 30 - 35	≥ 30 - 40	≥ 35 - 45	≥ 30 - 35	≥ 30 - 35
ASTM F36A-66 Recovery		≤ 15 - 20	≤ 15 - 30	≤ 15 - 30	≤ 15 - 20	≤ 15 - 20
Sealability (1.5mm)ml/hr	N ₂	30	60	60	7000	7000
	Burning oil	< 0.5				
Sulphur content		< 1100 ppm				
Chlorine content		< 45				
Application		Steam, mineral oils, heat transfer oils, hydraulic oil, fuel, water, seawater, freshwater etc.				
Standard Size(mm)		500 x 500; 1000 x 500; 1000 x 1000; 1500 x 500; 1500 x 1000; 1500 x 1500mm				

Gasket & Material

- 100% Free-Asbestos

Style Aidmer-NA200



ITEM	NA200		
Material	Aramid fibre、Synthetic fibre、Filler bounded with NBR		
Application	General sealing material for oil/water for low temperature & low pressure		
Properties	Test Method	Unit	Data range
Density	—	g/cm ³	1.65 ~ 1.75
Max short term temperature		°C	250
Max continuous operating temperature with non aggressive media		°C	180
Max operating pressure		Mpa	6.3
Tensile Strength (across)	ASTM F152	N/mm ²	≥8
Creep Relaxation	ASTM F38 16h @175°C	%	≤40
Compressibility	ASTM F36J	%	12±5
Recovery	ASTM F36J	%	≥45
ASTM3# oil 5h@150°C	Thickness increase	%	≤10
	Weight increase	%	≤10
ASTM Fuel B 5h°C@RT	Thickness increase	%	≤10
	Weight increase	%	≤10
Water/Antifreeze 1:1 5h@100°C	Thickness increase	%	≤5
	Weight increase	%	≤10
Dimension		mm	1500×1500
Thickness		mm	1.0,1.5,2.0,3.0,4.0, 5.0

Gasket & Material

- 100% Free-Asbestos

Style Aidmer-NA250



ITEM	NA-250		
Material	Made from Aramid Fiber, mineral fiber & inorganic fillers bonded with Synthetic NBR.		
Application	Suitable for oil resistant gasket material for lower and medium loading, good resistance to water gases, oils and fuels		
Properties	Test Method	Unit	Data range
Density	—	g/cm ³	1.65 ~ 1.75
Max short term temperature		°C	400
Max continuous operating temperature with non aggressive media		°C	200
Max operating pressure		Mpa	8
Tensile Strength (across)	ASTM F152	N/mm ²	≥10
Creep Relaxation	ASTM F38 16h @175°C	N/mm ²	≤30
Compressibility	ASTM F36J	%	12±5
Recovery	ASTM F36J	%	≥45
ASTM3# oil 150°C / 5h	Thickness increase	%	≤8
	Weight increase	%	≤8
ASTM Fuel B 23°C / 5h	Thickness increase	%	≤8
	Weight increase	%	≤8
Water/Antifreeze 1:1 100°C/5h	Thickness increase	%	≤5
	Weight increase	%	≤8
Dimension		mm	1500×1500
Thickness		mm	0.5、1.0、1.5、2.0、3.0

Gasket & Material

- 100% Free-Asbestos

Style Aidmer-NA350



ITEM	NA-350		
Material	Made from Aramid fiber, mineral fiber & inorganic fillers bonded with Synthetic NBR		
Application	Suitable for oil resistant gasket material for higher loading, good resistance to water gases, oils and fuels.		
Properties	Test Method	Unit	Data range
Density	—	g/cm ³	1.65 ~ 1.90
Max short term temperature		°C	450
Max continuous operating temperature		°C	250
Max operating pressure		Mpa	11
Tensile Strength (across)	ASTM F152	N/mm ²	≥10
Compressibility	ASTM F36J	%	12±5
Recovery	ASTM F36J	%	≥50
Creep Relaxation	ASTM F38 16h @175°C	%	≤35
Ignition loss	DIN 52911	%	≤30
ASTM3# oil 5h@150°C	Thickness increase	%	≤5
	Weight increase	%	≤5
ASTM Fuel B 5h@RT	Thickness increase	%	≤5
	Weight increase	%	≤5
Water / Antifreeze 1:1 5h@100°C	Thickness increase	%	≤5
	Weight increase	%	≤5
Dimension		mm	1500×1500
Thickness		mm	0.5、1.0、1.5、2.0、3.0、4.0、5.0

Gasket & Material

- 100% Free-Asbestos

Style aidmer-NA400



ITEM	NA-400		
Material	Made from Aramid fiber, mineral fiber & inorganic fillers bonded with Neoprene		
Application	Suitable for oil resistant gasket material for medium loading, good resistance to water gases, oils and fuels, especially for the chemical such as Freon and acid.		
Properties	Test Method	Unit	Data range
Density	—	g/cm ³	1.65 ~ 1.90
Max short term temperature		°C	450
Max continuous operating temperature		°C	250
Max operating pressure		Mpa	10
Tensile Strength (across)	ASTM F152	N/mm ²	≥12
Compressibility	ASTM F36J	%	12±5
Recovery	ASTM F36J	%	≥55
Creep Relaxation	ASTM F38 16h @175°C	%	≤30
Ignition loss	DIN 52911	%	≤30
ASTM3# oil 5h@150°C	Thickness increase	%	≤5
	Weight increase	%	≤5
ASTM Fuel B 5h@RT	Thickness increase	%	≤5
	Weight increase	%	≤5
Water/Antifreeze 1:1 5h@100°C	Thickness increase	%	≤5
	Weight increase	%	≤5
Dimension		mm	1500×1500
Thickness		mm	0.5、1.0、1.5、2.0、3.0、5.0

Gasket & Material

- 100% Free-Asbestos

Style Aidmer-NA500



ITEM	NA-500		
Material	Made from Aramid fiber, mineral fiber & inorganic fillers bonded with Synthetic NBR		
Application	Suitable for oil resistant gasket material for higher loading, good resistance to water gases, oils and fuels.		
Properties	Test Method	Unit	Data range
Density	—	g/cm ³	1.65 ~ 1.90
Max short term temperature		°C	450
Max continuous operating temperature		°C	250
Max operating pressure		Mpa	13
Tensile Strength (across)	ASTM F152	N/mm ²	≥15
Compressibility	ASTM F36J	%	12±5
Recovery	ASTM F36J	%	≥55
Creep Relaxation	ASTM F38 16h @175°C	%	≤35
Ignition loss	DIN 52911	%	≤30
ASTM3# oil 5h@150°C	Thickness increase	%	≤5
	Weight increase	%	≤5
ASTM Fuel B 5h@RT	Thickness increase	%	≤5
	Weight increase	%	≤5
Water / Antifreeze 1:1 5h@100°C	Thickness increase	%	≤5
	Weight increase	%	≤5
Dimension		mm	1500×1500
Thickness		mm	0.5、1.0、1.5、2.0、3.0、5.0

Gasket & Material

- Non Asbestos

(Asbestos content: Less than 3%)

Style Aidmer76-001 (L/M/H/G/W)



Aidmer76-001 Compressed Non Asbestos Sheet

Compressed Non-asbestos sheets is made from meerschaum, natural rubber, filling material and dye, compressed and calendered under high temperature and pressure into a sheet form. It eliminates asbestos-rubber sheet essentially and thoroughly.

- **Aidmer76-001L** Low Pressure Compressed Non Asbestos Sheets
- **Aidmer76-001M** Middling Pressure Compressed Non Asbestos Sheets
- **Aidmer76-001H** High Pressure Compressed Non Asbestos Rubber Sheets
- **Aidmer76-001W** Compressed non asbestos with wire mesh
- **Aidmer76-001G** Compressed non asbestos with wire mesh and coated graphite
-

ITEM	Compressed Non Asbestos Sheet		
	Aidmer76-001L	Aidmer76-001M	Aidmer76-001H
Density(gm/cc):	1.95±0.1		
Thickness: (MM)	0.5MM TO 5.0MM		
Standard SIZE: (MM)	2000×1500; 1500×4000;1500×1500;1350×1500;1500×1000;1270×1270; 3810×1270mm		
Color	Grey, Black, blue, green		
Compressibility(%):	12±5	12±5	12±5
Recovery(%):	≥40	≥50	≥55
Tensile strength(Mpa):	6	10	12
Corrodent	no	no	no
Stress relaxation(%):	≤45	≤45	≤40
20#oil thick increase(%):	≤25	≤15	≤15
Max. Temperature(°C):	200	300	400
Max. Pressure(Mpa):	2	3	5.1
Media	water water-steam, chemical solvents, hot air alkalis	water water-steam, chemical solvents, hot air alkalis	water water-steam, chemical solvents, hot air alkalis

Gasket & Material

- Asbestos(caf)

Aidmer76-003 (L/M/H/G/W)



Aidmer CAF are made from selected asbestos fibre, natural rubber, filling material and dye. A price worthy quality of dependable performance, plus adaptability to many sealing requirements makes this jointing the most economical sheet packing choice in the wide range of industrial fields.

ITEM	Compressed Asbestos Gasket Sheet				
	Aidmer76-003H	Aidmer76-003M	Aidmer76-003MI	Aidmer76-003L	Aidmer76-003LA
Density(gm/cc):	1.95±0.1				
Thickness(MM):	0.4MM to 5.0MM				
Standard Size(MM) :	2000×1500; 1500×4000;1500×1500;1350x1500;1500×1000;1270×1270; 3810×1270mm				
Color	Red, Blue, Green, Black, Grey				
Compressibility(%):	12±5	12±5	12±5	12±5	12±5
Recovery(%):	≥45	≥35	≥30	≥30	≥30
Tensile strength(Mpa):	19	11	10	7	5
Stress relaxation(%):	≤40	≤45	≤50	≤50	≤50
Max.Temperature(°C):	450	350	300	200	150
Max.Pressure(Mpa):	4.5	3.5	3.0	2.0	1.5
Materials	NR, long-asbestos	SBR,NR, asbestos	SBR,NR, asbestos	NR, asbestos	NR, asbestos
Media	cold or hot water、 steam air、 alkalis、 coal gas、 ammonia	cold or hot water、 steam air、 alkalis、 coal gas、 ammonia	cold or hot water、 steam air、 alkalis、 coal gas、 ammonia	cold or hot water、 steam air、 alkalis、 coal gas、 ammonia	cold or hot water、 steam air、 alkalis、 coal gas、 ammonia

Style Aidmer76-003W Compressed Non Asbestos Sheet with wire mesh insertion

Style Aidmer76-003G Compressed Non Asbestos Sheet with Graphite coating

Printed your logo or brand on request

Gasket & Material

- Asbestos(Oil Resistance caf)

Aidmer76-003 (OL/OM/OH)



Aidmer oil-resisting OCAF, a cost effective oil resistance asbestos-rubber sheets, are made from selected asbestos fiber, synthetic rubber, filling material and dye. Used in pipelines and apparatus of petrochemical & oil fields

ITEM	Oil resistance Compressed Asbestos Sheet					
	Aidmer76-003OHA	Aidmer76-003OH	Aidmer76-003OM	Aidmer76-003N	Aidmer76-003OL	Aidmer76-003OA
Density(gm/cc):	1.95±0.1					
Thickness: (MM)	0.4MM TO 5.0MM					
Standard Size (MM):	2000×1500; 1500×4000;1500×1500;1350x1500;1500×1000;1270×1270; 3810×1270mm					
Color	Grey, Black, Blue, Green , Red					
Compressibility(%):	12±5	12±5	12±5	12±5	12±5	12±5
Recovery(%):	≥60	≥50	≥45	≥45	≥40	≥35
Tensile strength(Mpa):	15	26			11	10
Corrodent:	no	no	no	no	no	no
Stress relaxation(%)	≤40	≤40	≤40	≤40	≤45	≤45
20#oil thick increase(%):	≤15	≤15	≤17	≤17	≤20	≤25
Max.Temperature(℃):	510	400	350	300	250	150
Max.Pressure(Mpa):	5.0	4.0	3.5	3.0	2.5	1.5
Materials	NBR long-asbestos	NBR long-asbestos	NBR long-asbestos	NBR asbestos	NBR asbestos	NBR asbestos
Media	chemical、hot air alkalis diesel oil	chemical、hot air alkalis diesel oil	chemical、hot air alkalis diesel oil	chemical、hot air alkalis diesel oil	chemical、hot air alkalis diesel oil	chemical、hot air alkalis diesel oil

Style Aidmer76-003OW Compressed Non Asbestos Sheet with wire mesh insertion

Style Aidmer76-003OG Compressed Non Asbestos Sheet with Graphite coating

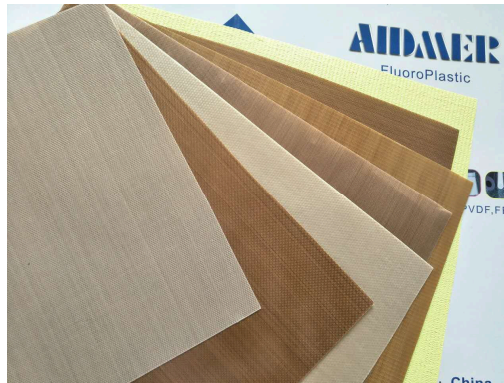
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High-Temperature & Insulation

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

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

Rubber Products

-Silicone Rubber Sheet

Description and advantages:

1. Area of application: Woodworking
2. Constant quality thanks to quality management
3. Excellent elasticity
4. Long-term flexibility
5. High temperature resistance

Data Sheets:

Model No.	FC2111	
Polymer	Silicone	
Colour	Transparent	
Hardness	55 ± 5 Shore A	ASTM D2240
Thickness tolerance	± 0.20 mm	
Density / Specific weight	1.25 ± 0.05 g/cm ³	ASTM D297
Tensile strength	6.5MPa	ASTM D412
Elongation at tear	450 %	ASTM D412
Tear strength	26N/mm	ASTM D624 B
Max. temperature	250°C	
Resilience	25 %	ASTM D395 B

Standard Size:

Thickness: 2.0mm, 3.0mm,4.0mm,5.0mm,6.0mm

Width: 1000mm

Length: According to your required.