

## ASBESTOS FREE PACKINGS

### FYSAX TAP

(Teflon/Aramid Packing)



The strength & low friction of Aramid fibre combined with negligible friction of PTFE gives the packing the capacity to handle high pressure applications-both rotating & reciprocating. Ideal for dairies, food stuff, beverage, pharmaceutical industries, refineries, fertilizer plants & feed water pumps.

**Temperature:** (-) 110°C to 260°C  
**Pressure:** upto 7000psi (490 kg/cm<sup>2</sup>)  
**pH:** 2-12

### FYSAX TGAP

(Aramid Packing with PTFE and Graphite)



Braided from Aramid fibres with a high content of PTFE/ Graphite. Most suited in centrifugal & reciprocating pumps with high pressure & sliding velocity for abrasive media.

**Temperature:** (-) 200°C to 300°C  
**Pressure:** Upto 8000 psi  
**pH:** 2 - 12

### FYSAX GCP

(Teflon braided Packing coated with Graphite)



PTFE packing with a high content of graphite coating having self lubrication, very low co-efficient of thermal expansion limits, better extrusion & compression resistance. Widely used in refineries, petrochemicals & fertilizer plants.

**Temperature:** (-) 240°C to 300°C  
**Pressure:** Upto 5000 psi (350 kg/cm<sup>2</sup>)  
**pH:** 0-14

### FYSAX CP

(Pure Carbon Packing)



Made from carbon filament Yarn, having excellent thermal dissipation & self lubricating properties. Ideally suitable for boiler feed pumps, condensate dryers, continuous digesters, high temp high pressure valves.

**Temperature:** (-) 200°C to 600°C  
**Pressure:** Upto 5000 psi (350 kg/cm<sup>2</sup>)  
**pH:** 0 - 14

### FYSAX CIP

(Carbon Inconel Packing)



Braided from super tough inconel wire throughout jacketed with soft Carbon fibres. Ideal for super heated high pressure control valves & highly abrasive spreader stoker services.

**Temperature:** (-) 200°C to 900°C  
**Pressure:** Upto 10000psi (700 kg/cm<sup>2</sup>)  
**pH:** 1-11

### FYSAX GLASS

(Texturized Glass Packing)



High density texturized glass packing, designed for maximum flexibility & strength. Suited for expansion joint packing in boilers, furnaces

**Temperature:** Upto 540°C  
**pH:** 2 - 12

### FYSAX GLASS-G

(Graphite Impregnated Glass packing)



Ideal for small valve stems & rotary shafts. Suitable for mild acids, steam, oils & brines in general service

**Temperature:** Upto 230°C  
**pH:** 4-10

### FYSAX NOVOLOID

(Novoloid fibre Teflon treated)



This is treated with PTFE and a non-silicone lubricant suitable for rotary & centrifugal equipments, pulp & paper equipments

**Temperature:** Upto 260°C  
**Pressure:** Upto 8000 psi (560 kg/cm<sup>2</sup>)  
**pH:** 1 - 14

## PRODUCT RANGE

## FYSAX AMY SERIES

Quality Nomenclature	Product Description	Nominal Dia (mm)	Specification Compliance	Supplied in spools (kg)
FYSAX AMY 21	Non-metallic Commercial grade	1.5 to 6.0	DGS&D G/Misc/81-C Commercial quality	0.5 1.0 3.0
FYSAX AMYM 71	Single ply. Reinforced with Single strand brass wire	1.6	-	0.5 1.0
FYSAX AMYM ZW2	Single ply Reinforced with two strands of zinc wire	1.7	-	0.5
FYSAX AMY 81	Single ply Non-metallic Commercial grade	1.2	-	0.5 1.0
FYSAX AMY 541	Single ply Non-metallic Special grade for high temperature application	1.0	DGS&D G/Misc/81-C Spl. quality., I.N.F. 6 (a)	0.5 1.0
FYSAX AMYM 81	Single ply Reinforced with single strand of brass wire	1.3	-	0.5 1.0
FYSAX AMYG 63	No. of plies twisted together Non-metallic Lubricated and Graphited	1.5 to 6.0	-	0.5 1.0
FYSAX AMYGM 64	Two ply Each ply reinforced with a single strand of brass wire Lubricated and Graphited	1.5	-	0.5
FYSAX AMY 17/3	Three ends of asbestos yarn twisted together Non-metallic	1.6	-	0.5 1.0
FYSAX AMY 32	Single ply fine yarn Non-metallic	0.5	-	0.5 1.0
FYSAX AMY 32/2	Two ends of asbestos fine yarns twisted together Non-metallic	0.8	-	0.5 1.0
FYSAX AMYP 13	100% Pure asbestos, single ply Non-metallic	0.8	-	0.5 1.0
FYSAX AMYP 13/2	Two ends of 100% Pure asbestos yarns twisted together Non-metallic	1.5	-	0.5 1.0

*Sizes are theoretic and indicative. Applicable tolerance ± 10% if not covered by specifications.*

## GLAND PACKINGS

### FYSAX AMP 31

#### WHITE DRY ASBESTOS PACKING

Plaited cover-on-cover throughout, in round or square sections. A packing of high density without loss of flexibility.

#### SERVICE:

This standard asbestos plaited packing is universally used for steam glands, boiler lagging, sealing of oven and autoclave doors. Also for caulking thermal insulation, boiler sealing, furnace joint.

**Specification Compliance:** DGS & D G/Misc/81C. Commercial Quality.

IS 4687 - 1980 Grade 1 (non-acid)

Temp. 350°C (Normal operation)

700°C (Static Operation)

### FYSAX AMP 120 (SUPER)

#### SELF LUBRICATING ASBESTOS PLAITED PACKING, NON-METALLIC

A superior all purpose asbestos plaited packing of cover on cover construction impregnated with a high flash point lubricant, each yarn being separately treated with the best quality, uniformly dispersed fine flake graphite. It will not become hard and therefore, will not promote wear of rods or shafts. The resiliency and self-bedding properties are of great value when the moving member is slightly worn or scored.

Supplied in size of 6 mm. to 51 mm. in 5 Kgs. Box.

**Specification Compliance:** DGS & DG/Mis/81 C- Clause 6 and IS 4687-1980 Grade 3 for high pressure conditions.

Max. Temp. 500° C

### FYSAX AMP 32

#### LUBRICATED AND GRAPHITED ASBESTOS GLAND PACKING ROPE

Plaited cover-on-cover throughout, in round or square sections.

#### SERVICE:

Recommended for use in rotary and reciprocating pumps, steam engines and valves at temperatures upto 325°C

**Specification Compliances:** DGS & DG/ Misc /81C and IS 4687-1980 Grade2. (medium pressure conditions)

### FYSAX 121 SUPER

#### SELF LUBRICATING ASBESTOS PLAITED PACKING, METALLIC

A packing similar to Fysax 120 Special, but of solid plait construction with a soft brass wire reinforcement.

**Specification Compliance:** IS 4687-1980 Grade 3 Supplied in size of 6 mm to 51mm in 5 Kg Box. **Max. Temp.:** 515°C

### FYSAX AML 52/AML 43

#### ASBESTOS FIBRE-FILLED ROPE LAGGING

Extensively used for the insulation of industrial, power house and marine steam and exhaust pipelines.

AML 52 - Temperatures upto 300°C

AML 43 - Temperatures upto 540°C

SUPPLIED in 30 Mtrs Coil of Diameter from 12.5 mm to 51 mm

### FYSAX AMPT 700/702

#### WHITE ASBESTOS PACKING IMPREGNATED

A high grade white Asbestos packing impregnated with PTFE. These packings do not lose volume significantly. Resistant to strong Alkalies, Solvents, Oils, Fats, Gases, Acids & Weak Alkaline Solutions. It can be used with confidence involving highly inflammable fluids at Temp 315°C. Universally applicable in all industrial packings. Supplied in size of 6mm to 25mm in 7.6 Mtrs. and 6mm to 51mm in 1 Kg/2.5 Kgs/ 5Kgs Packing

Max. Temp.: Sub Zero & 315°C

**We also offer:** FYSAX ASBESTOS CLOTH: AMC 40 (1.5mm thick) AMC 41 (2mm thick)

AMC 42 (3mm thick) AMC 45 (1mm thick) for protective clothing such as gloves, aprons etc. and thermal insulation. AMCP 507 Pure Asbestos Cloth used for filtration, as diaphragms in electronic cells.

**Proofed Tapes/Metallic & Non-Metallic.**

All purpose jointing material for sealing manholes, Land holes and Inspection covers on boilers, tanks and pressure vessels against air, water, steam and mild alkalies.



**When Safety Matters**