



ASBESTOS YARN FYSAX AML SERIES

Hindustan Composites Ltd. manufactures asbestos yarns in a wide range of constructions with a wide range of properties dependent on the various applications intended. However, they are commercially distinguished under the following groups:

A). Non-metallic. B). Metallic-incorporating metal wire. C). Union—in combination with cotton threads. The size, diameter, or “count” of a yarn can be expressed in many ways—The modern international method used is the TEX system. The “TEX NUMBER” indicates the weight of yarn in grams per Km. length.

Several strands of yarn can be twisted or braided to produce the yarn or rope of a higher diameter. The yarn can be reinforced with ductile metal wires such as brass, copper, zinc, lead, inconel, monel, stainless steel, etc. Reinforcement with filaments of metal wire offers particular properties in the end product, such as heat dissipation, high temperature resistance, strength retention or particular friction properties. It can also be spun in combination with cotton or yarns made with man-made fibres to give an added advantage of higher strength and flexibility in lower temperature applications.

Asbestos yarn can also be treated with high quality lubricants, oil resisting compounds, PTFE and coated with flake graphite or mica for specific applications.

SERVICE Asbestos yarn has a wide range of applications—in heat insulation, sealing, electrical insulations, fire protection, friction materials, etc. Asbestos yarn is also used for packing valve spindles, lagging small pipes, sealing joints in flexible metallic tubings, packing for bib-cocks at low pressure steam, sewing asbestos mattresses, in switch and fuse gear, braiding of electric cables, weaving of electrical resistance kits, cushions for glass in patent glazing bars.

In addition to this, the asbestos yarn forms a base for the manufacture of packings, tubings and cloths which service the wide ranging needs of any industry.

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 AMY32/2	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 $\pm 10\%$ if not covered by specifications.