



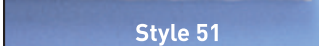


# ZENITH

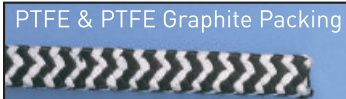

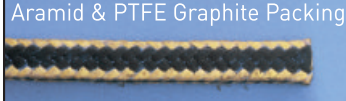




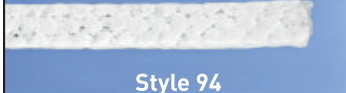
## MARKETING



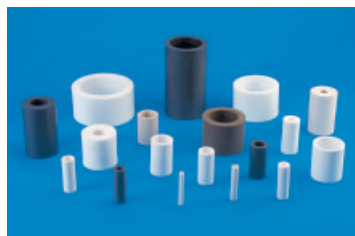
## NON - ASBESTOS PACKINGS

Product	Temp.	Pressure Kg/cm <sup>2</sup>	pH	Velocity mtrs/sec	Application
PTFE Universal Packing  <b>Style 11</b>	-100 to +260 °C	20	0-14	4	Widely used in valves, flanges & static applications. Gives excellent sealing when used in place of gaskets or jointings. Can be used against almost all media.
Valve Seal  <b>Style 14 / Style 14 FDA</b>	-100 to +260 °C	200	0-14	--	An excellent packing for obtaining virtually 0% leakage in valves. Seals all voids, uneven spindles & flanges. Prevents extrusion at both ends of the spindles.
Expanded PTFE Tape  <b>Style 21 / Style 21 FDA</b>	-24 to +260 °C	200	0-14	--	A soft expanded packing with one side adhesive strip. Excellent for sealing between two surfaces like flanges, manholes, heat exchangers, reactors, agitators, mixers, tank lids, etc.
PTFE 100% Packing  <b>Style Comm</b>	-100 to +260 °C	50	0-14	5	A long lasting 100% PTFE Packing more economical than PTFE Impregnated packing. Very widely used in place of PTFE Impregnated Packings.
Expanded Graphite Packing  <b>Style 41</b>	-240 to +650 °C	300	0-14	25	Excellent packing as far as high temperature & pressure applications are concerned. Prevents scoring on sleeve/stem. Suitable for sealing most critical applications in valves & pumps.
Pure Carbon Packing  <b>Style 42</b>	-240 to +600 °C	200	0-14	20	Extremely flexible packing having great heat dissipating & low friction properties. Appropriate for boiler feed pumps, valves, dryers, reactor vessels, mixers etc.
Pure PTFE Packing  <b>Style 50</b>	-240 to +260 °C	75	0-14	5	A cost effective Pure PTFE Packing. Widely used in rotating as well as static applications. Excellent packing for use in food and pharmaceutical industries.
Pure PTFE Packing  <b>Style 51</b>	-200 to +260 °C	100	0-14	8	An inert, safe, self lubricating & non-toxic packing widely used where purity & safety counts particularly in food, pharmaceutical & chemical industries.
Pure PTFE Packing (Dry)  <b>Style 52 / Style 52 FDA</b>	-200 to +260 °C	100	0-14	5	Same as style 51 but without lubricant. Suitable for applications where lubricant is not to be used due to the fear of combustion, or due to the risk of contamination of the product.
PTFE Graphite Packing  <b>Style 61</b>	-240 to +300 °C	300	0-14	20	A self lubricating & mechanically strong packing having excellent heat dissipation. Used in pumps, valves & reactors against acids, alkalies & aggressive chemicals.
PTFE Graphite Packing  <b>Style 62</b>	-240 to +300 °C	300	0-14	25	An excellent packing for high temperature & high speed rotary applications. Suitable for metering pumps, steam valves, reactors, mixers, agitators etc.
PTFE Graphite Packing  <b>Style GP</b>	-240 to +280 °C	200	0-14	10	A general purpose cost effective PTFE Graphite Packing. Widely used for moderate speed rotating as well as static applications. Used in all type of process industries.
Aramid Packing  <b>Style 71</b>	-240 to +260 °C	250	2-12	12	Abrasion resistant high strength packing. Ideal for abrasive sand, slurry, gritty media, sludge & sewerage equipments etc. Also used as anti extrusion rings.

## NON - ASBESTOS PACKINGS

Product	Temp.	Pressure Kg/cm <sup>2</sup>	pH	Velocity mtrs/sec	Application
 <p><b>Style 81</b></p>	-200 to +260 °C	200	0-14	15	This combination packing is used mainly in high speed applications in chemical & petrochemical industries against oils, concentrated acids, corrosive gases etc.
 <p><b>Style 82</b></p>	-200 to +260 °C	180	2-12	12	A dimensionally stable non contaminating packing. Suitable for high pressure applications & against abrasive media. Also used as anti extrusion rings.
 <p><b>Style 83</b></p>	-240 to +260 °C	200	2-12	20	Excellent packing for high pressure pumps having sliding velocity. Widely used against abrasive media. Suitable for reciprocating pumps, reactors, autoclaves etc.
 	-100 to +300 °C	200	0-14	12	A mouldable soft paste suitable for scored shafts, against abrasive media & valve stem. Widely used in boiler feed pumps, slurry pumps, vacuum pumps, reactors, autoclaves etc.
 	-100 to +260 °C	100	0-14	5	
This packing is available in Style 51, 62, 71, 82 & 83. Technical data would depend on the fibre used in the packing.					A specifically developed packing for rotating equipments with excessive shaft deviation & vacuum applications. This packing is suitable for pumps, reactors, mixers, agitators etc.
 <p><b>Style 94</b></p>	-100 to +260 °C	50	2-12	7	A widely used packing suitable for severe caustic application, corrosive chemicals, oils, solvents, oxygen, etc. Ideal for water pumps & valves handling air, water, oil, steam etc.

## PTFE PRODUCTS



- ☐ PTFE Rods
- ☐ PTFE Bellows
- ☐ PTFE Tapes
- ☐ Glass Filled PTFE Products
- ☐ PTFE Bushes
- ☐ PTFE Tubes
- ☐ PTFE 'T' Bush
- ☐ Carbon Filled PTFE Products
- ☐ PTFE Sheets
- ☐ PTFE Rings
- ☐ PTFE Envelope Gaskets
- ☐ Bronze Filled PTFE Products
- ☐ PTFE Balls
- ☐ PTFE Gaskets
- ☐ PTFE Components
- ☐ Graphite Filled PTFE Products

**We can also supply products as per customer's drawing / specifications.**

## PTFE THREAD SEAL TAPE



BRAND	SUPER SEAL	KOHINOOR	CROWN	COOPER
WIDTH (mm)	12.5, 19 & 25	12.5, 19 & 25	12, 19 & 25	12, 19 & 25
THICKNESS (mm)	0.075	0.075	0.075	0.075
LENGTH (Mtrs.)	12	12	10	10

**Other brands : Pride, Croma, Corian, C-Tape, C-Pack, Bokia etc.**





## B. A. BRAKE LINERS AND ASBESTOS PACKINGS



### B. A. BRAKE LINERS



Construction	CHARMINAR <sup>®</sup> bonded Asbestos Industrial Brake is a flexible, solid, woven, asbestos based friction material made from yarn spun around brass wire, which contributes considerably to its strength.	
Application	CHARMINAR <sup>®</sup> Industrial brake liners are suitable for variety of brake and clutch components in general industrial field such as industrial band and drum brake linings, plate and cone clutch linings on cranes, lifts, excavators, winches, concrete mixers, drop hammers, tippers, oil well draw works, road rollers, sugar mill centrifuges & certain heavy transport vehicles & tractors.	
Temperature	Maximum Temperature 260 °C	Maximum Continuous Temperature 125 °C
Size	Thickness : 4.8 mm [3/16"] to 19.1 mm [3/4] Width : 25.4 mm [1"] to 463.6 mm [18 1/4"] Length : Roll of approximately 15 mtrs. (50 ft.)	

### ASBESTOS PACKING

Style	Product	Temp.	Application
YE 101	<b>Asbestos Yarn</b> (Metallic / Non Metallic)	Upto 300 °C	Used for heat insulation of small pipes, electric cables, steam hoses, sealing of joints in flexible metal tubings, steam valves, water cocks etc. in all types of industries.
YE 102	<b>Asbestos Cloth</b> (Metallic / Non Metallic)	Upto 350 °C	Widely used in boilers, pipelines, for thermal insulation in power plants, smothering fires, safety curtains, fire protection gloves, suits, blankets, aprons etc.
YE 103	<b>Asbestos Woven Tape</b> (Metallic / Non Metallic)	Upto 275 °C	Used for wrapping exhaust pipes, hot & cold insulations, electric cables, lining switch boxes, drying ovens, conveying hot articles, oil lamps, heaters etc.
YE 107	<b>Asbestos Fibre Filled Lagging Rope</b>	Upto 300 °C	A low density asbestos fibre filled rope with a wide braided cover. Extensively used for insulation of steam pipelines, hot water pipes, exhaust units etc. in all type of industries.
YE 108	<b>Asbestos Rubber Proofed Tape</b> (Metallic / Non Metallic)	Upto 175 °C	Used as gasketing material for sealing manhole covers on boilers tanks, pressure vessels, etc. Especially suitable as a seal between uneven or non-machined surfaces.
YE 555	<b>Asbestos White Dry Rope</b>	Upto 350 °C	A dry braided asbestos rope. Extensively used packing. Used as steam and insulation packing for hot gases, ovens, autoclaves and various other applications.
YE 303	<b>Asbestos Graphite Gland Packing</b>	Upto 325 °C	A general purpose asbestos graphited and lubricated gland packing. Used for packing reciprocating and rotary pumps and in medium pressure conditions.
YE 777	<b>Asbestos Packing</b> (White metal wire reinforced)	Upto 350 °C	The white metal wire provides low friction & mechanical durability. Used for rotary shafts with peripheral speeds upto 1750 ft/min. Suitable for steam, hot water, weak acids & alkalis.
YE 999	<b>Asbestos Packing</b> (Brass wire reinforced)	Upto 500 °C	Recommended for high speed shafts at high temperature & pressure. Suitable for saturated & super heated steam, hot water, air, gases, oils, steam expansion joints etc.
YE 800	<b>Asbestos Graphite Packing</b> (Non Metallic)	Upto 490 °C	An asbestos non metallic packing lubricated and graphited for high temperature & pressure applications. Suitable for saturated & super heated steam etc.
YE 1000	<b>Asbestos Packing</b> (Non Metallic)	Upto 540 °C	An excellent soft packing for severe high temperature & pressure conditions. Widely used for valve glands, gauge glass fittings, turbines, boilers and similar applications.
YE 666	<b>Asbestos Packing</b> (Stainless Steel Wire reinforced)	Upto 815 °C	A Stainless Steel reinforced asbestos lubricated packing is widely used in high temperature valve application. Suitable for steam, butane & propane gases, oil vapour, furnace oil etc.
YE 1990	<b>Asbestos Packing</b> (Inconel Wire reinforced)	Upto 680 °C	An effective packing for valve stems in power plant, oil refineries, etc. Suitable for control valves at high pressure & temperature applications and various other applications.

We also deal in ☐ Ceramic Rope, Cloth & Tape  
☐ Fibre Glass Rope, Cloth & Tape

**ZENITH**  
**MARKETING**

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