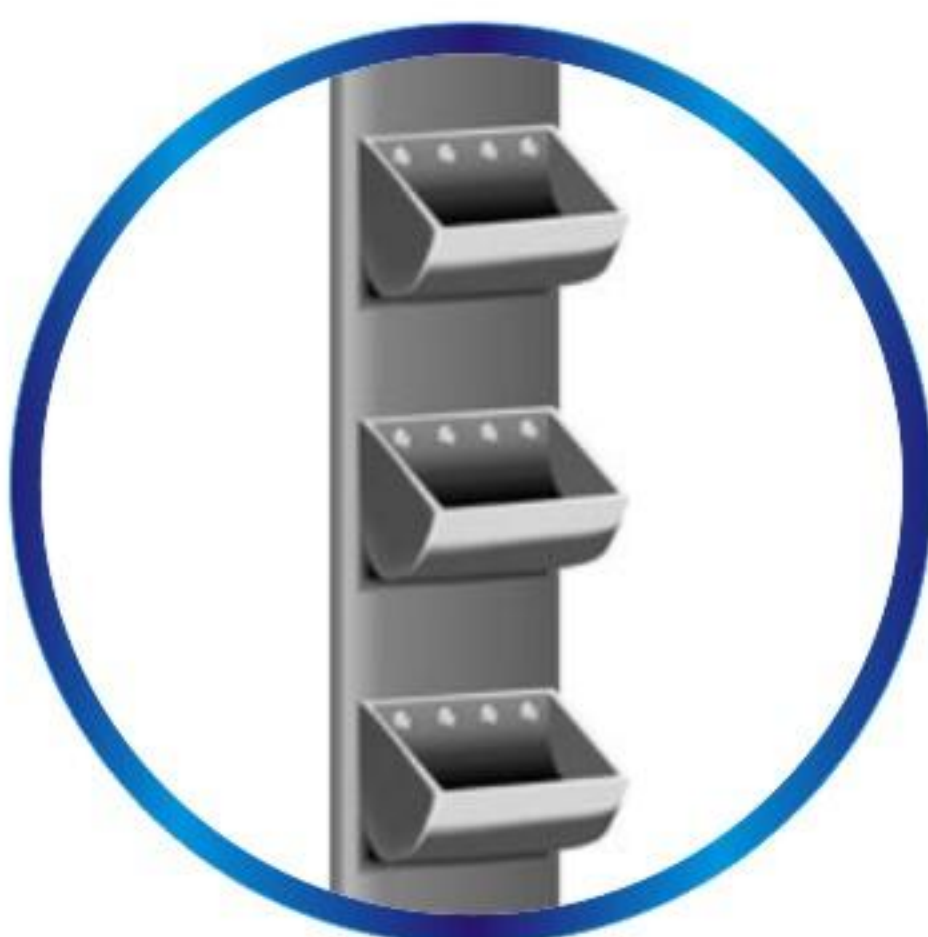
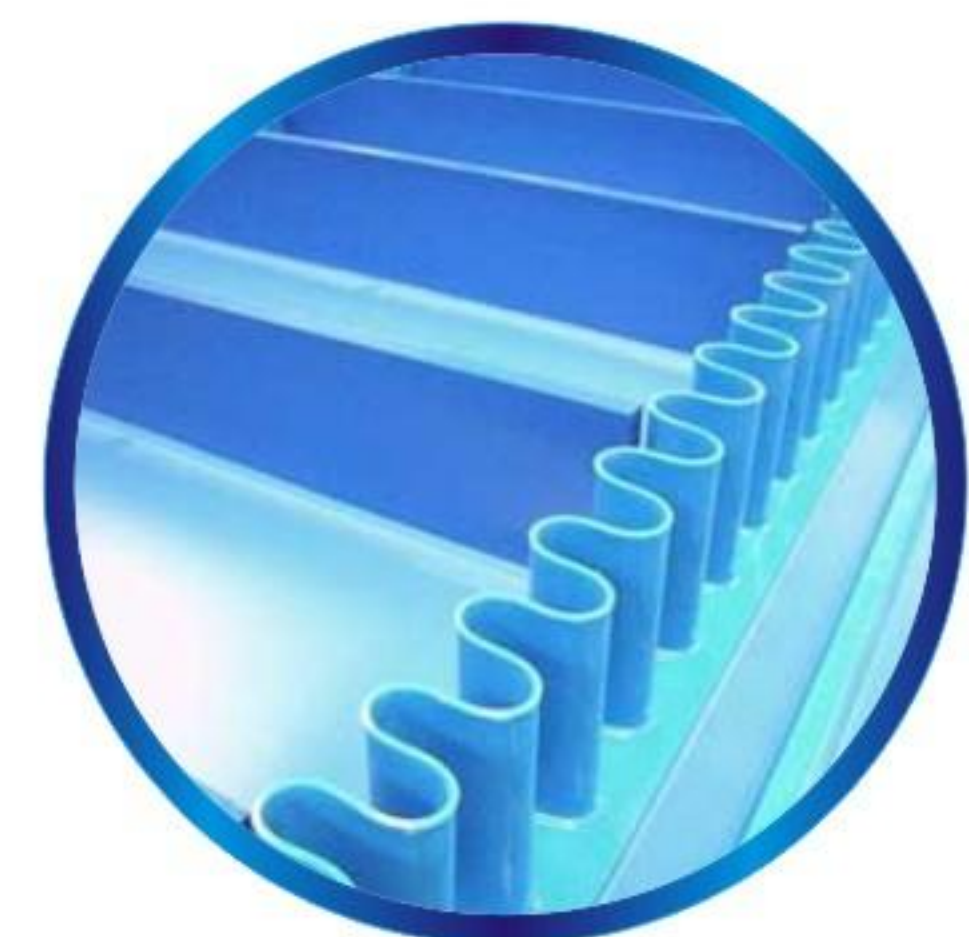


IDLERS SELECTION CHART



| Belt Width (MM) | A Carrying Roller Length | B Hole Crs. | C Return Roller Length | D Roller Dia | E |
|-----------------|--------------------------|-------------|------------------------|----------------------------------|--------------------------|
| 450 | 190 | 740 | 550 | 88.9 114.3 139.7 | 200 275 275 |
| 500 | 200 | 790 | 600 | 88.9 114.3 139.7 | 200 275 275 |
| 600 | 235 | 890 | 700 | 88.9 114.3 139.7 | 200 275 275 |
| 600 | 250 | 940 | 750 | 88.9 114.3 139.7 | 200 275 275 |
| 750 | 290 | 1040 | 850 | 88.9 114.3 139.7 | 200 275 275 |
| 800 | 315 | 1090 | 950 | 114.3 139.7 152.4 159.0 | 225 225 275 275 |
| 900 | 350 | 1190 | 1050 | 114.3 139.7 152.4 159.0 | 225 225 275 275 |
| 1000 | 380 | 1290 | 1150 | 114.3 139.7 152.4 159.0 | 225 225 275 275 |
| 1050 | 400 | 1340 | 1200 | 114.3 139.7 152.4 159.0 | 225 225 275 275 |
| 1200 | 465 | 1490 | 1400 | 114.3 139.7 152.4 159.0 | 225 225 275 275 |
| 1400 | 530 | 190 | 1600 | 114.3 139.7 152.4 159.0 | 225 225 275 275 |
| 1600 | 600 | 1900 | 1800 | 114.3 139.7 152.4 159.0 | 225 225 275 275 |
| 1800 | 665 | 2100 | 2000 | 114.3 139.7 152.4 159.0 | 225 225 275 275 |
| 2000 | 730 | 2300 | 2200 | 114.3 139.7 152.4 159.0 | 225 225 275 275 |



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Conveyor Rubber Belt Specialists
Quality is our Priority

IDLERS SELECTION SHART

| Belt Strength Designation | Working Tension (Max) | | Nominal Carcass Thickness | Nominal Carcass Weight | Max. Belt width (mm) for Satisfactory Load Support (Material Density in T/Cub.M) | | | Min. belt width (mm) for satisfactory troughing | | |
|---------------------------|------------------------|--------------------------|---------------------------|------------------------|--|----------|----------|---|------|------|
| | Vulcanized Splice N/mm | Mechanical Fastener N/mm | | | UPTO 1.0 | UPTO 1.5 | UPTO 2.5 | 20° | 30° | 45° |
| 200/2 | 25 | 20 | 2.3 | 2.3 | 650 | 500 | 400 | 300 | 300 | 350 |
| 250/2 | 25 | 20 | 2.5 | 2.5 | 650 | 600 | 450 | 400 | 450 | 500 |
| 315/3 | 32 | 25 | 3.0 | 3.0 | 1000 | 800 | 650 | 400 | 450 | 500 |
| 400/3 | 40 | 32 | 3.3 | 3.3 | 1050 | 900 | 650 | 500 | 500 | 500 |
| 500/3 | 50 | 40 | 3.6 | 3.6 | 1200 | 900 | 800 | 500 | 500 | 500 |
| 630/3 | 63 | 50 | 3.9 | 3.9 | 1200 | 1000 | 800 | 500 | 500 | 500 |
| 400/4 | 40 | 40 | 4.0 | 4.0 | 1200 | 1000 | 800 | 500 | 500 | 600 |
| 500/4 | 50 | 40 | 4.0 | 4.0 | 1200 | 1050 | 900 | 500 | 500 | 650 |
| 630/4 | 63 | 50 | 5.0 | 5.0 | 1400 | 1200 | 900 | 500 | 500 | 650 |
| 800/4 | 80 | 63 | 5.4 | 5.4 | 1600 | 1400 | 1000 | 500 | 500 | 650 |
| 1000/4 | 100 | 80 | 6.1 | 6.1 | 1600 | 1400 | 1200 | 500 | 650 | 800 |
| 1250/4 | 125 | = | 7.0 | 7.0 | 1600 | 1600 | 1400 | 650 | 800 | 900 |
| 1400/4 | 155 | = | 7.7 | 7.7 | 1600 | 1600 | 1600 | 650 | 800 | 900 |
| 1600/4 | 160 | = | 9.1 | 9.1 | 2000 | 1800 | 1800 | 650 | 800 | 900 |
| 2000/4 | 200 | = | 11.4 | 11.4 | 2000 | 1800 | 1800 | 800 | 800 | 100 |
| 800/5 | 80 | 63 | 6.4 | 6.4 | 1800 | 1400 | 1200 | 400 | 500 | 630 |
| 1000/5 | 100 | 80 | 6.9 | 6.9 | 1800 | 1600 | 1400 | 500 | 630 | 800 |
| 1250/5 | 125 | = | 7.8 | 7.8 | 1600 | 1600 | 1600 | 800 | 1000 | 1200 |
| 1400/5 | 155 | = | 8.9 | 8.9 | 1600 | 1600 | 1600 | 800 | 1000 | 1200 |
| 1600/5 | 160 | = | 9.8 | 9.8 | 1600 | 1600 | 1600 | 800 | 1000 | 1200 |
| 1800/5 | 180 | = | 9.8 | 9.8 | 1600 | 1600 | 1600 | 800 | 1000 | 1200 |
| 2000/5 | 200 | = | 11.4 | 11.4 | 1600 | 1600 | 1600 | 800 | 1000 | 1200 |

Note : The above chart indicates our standard range of Nylon / EP Conveyor Belts. Other construction can be designed and manufactured as per specific customer requirements.

SELECTION OF RUBBER COVER

Selection of rubber cover should be done by taking into account the type and size of materials to be conveyed and the operating condition of the belt.

Standard rubber conveyor belting is available the following grades.

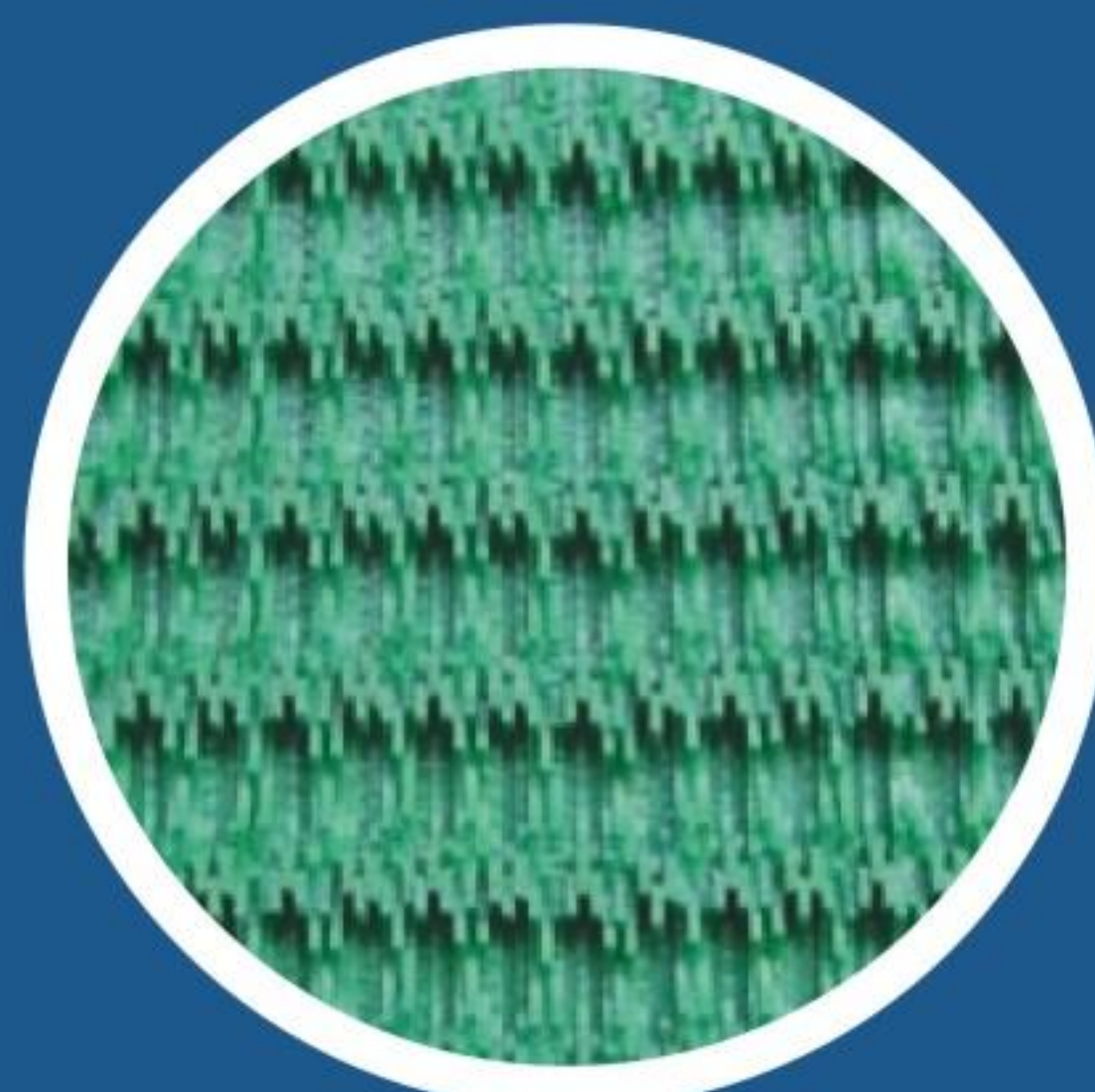
| APPLICATION | MATERIALS REFERENCE |
|---|---|
| General Purpose belting IS 1891 (Part I) latest M-24 GRADE It has high tensile strength superior resistance to abrasion, cut and gouging. Recommended for transporting abrasive material. N-17 GRADE Suitable for transporting moderately abrasive materials. | Iron ore, Coal, Copper, Limestone, Lignite, etc. Sand, Cement, Wood Chips, Dry pulp, etc., |
| Heat Resistant Belting IS 1891 (Part-II) latest HR(T-1) GRADE Suitable for transporting hot materials (up to 125° centigrade for coarse materials and 100 degree centigrade for fines) SUPER HEAT RESISTANT SHR (T-2) GRADE Suitable for transporting hot materials (Up to 150° centigrade for coarse materials and 125 degree centigrade for fines) ULTRA HEAT RESISTANT UHR(T-3) GRADE Suitable for transporting hot materials (Up to 230° centigrade for coarse materials and 200 degree centigrade for fines) | Foundry sand, Soda ash, Hot Limestone, Cement Clinker, Ash handling, Hot Coke, Etc.. |
| Oil Resistant Belting IS 1891 (Part-III) latest Good resistance to mineral, vegetable and animal oils and fats etc., | Soya Beans Oil, Fish Oil, Coffee, Rice, Oil, etc., |
| Hygienic conveyor belting IS 1891 (Part-IV) latest These belts with food grade rubber covers do not impart odour and do not stain the materials to be conveyed and thus are particularly suitable for food processing industries. | Tea, Tobacco, Salt, Confectioneries, Fruit & Food processing etc. |
| Fire Resistant (FR) Grade IS 1891 (Part-V) latest Recommended for use in coal and such types of mines enveloped in fire. Rubber is fire resistant and antistatic. | Coal, Coal sulphur, etc., |

Conveyor belts with other cover grades as per customer specification can be supplied on request.

SPECIAL PURPOSE BELTS

ROUGH TOP

For Transporting Fragile or Deformable Goods,

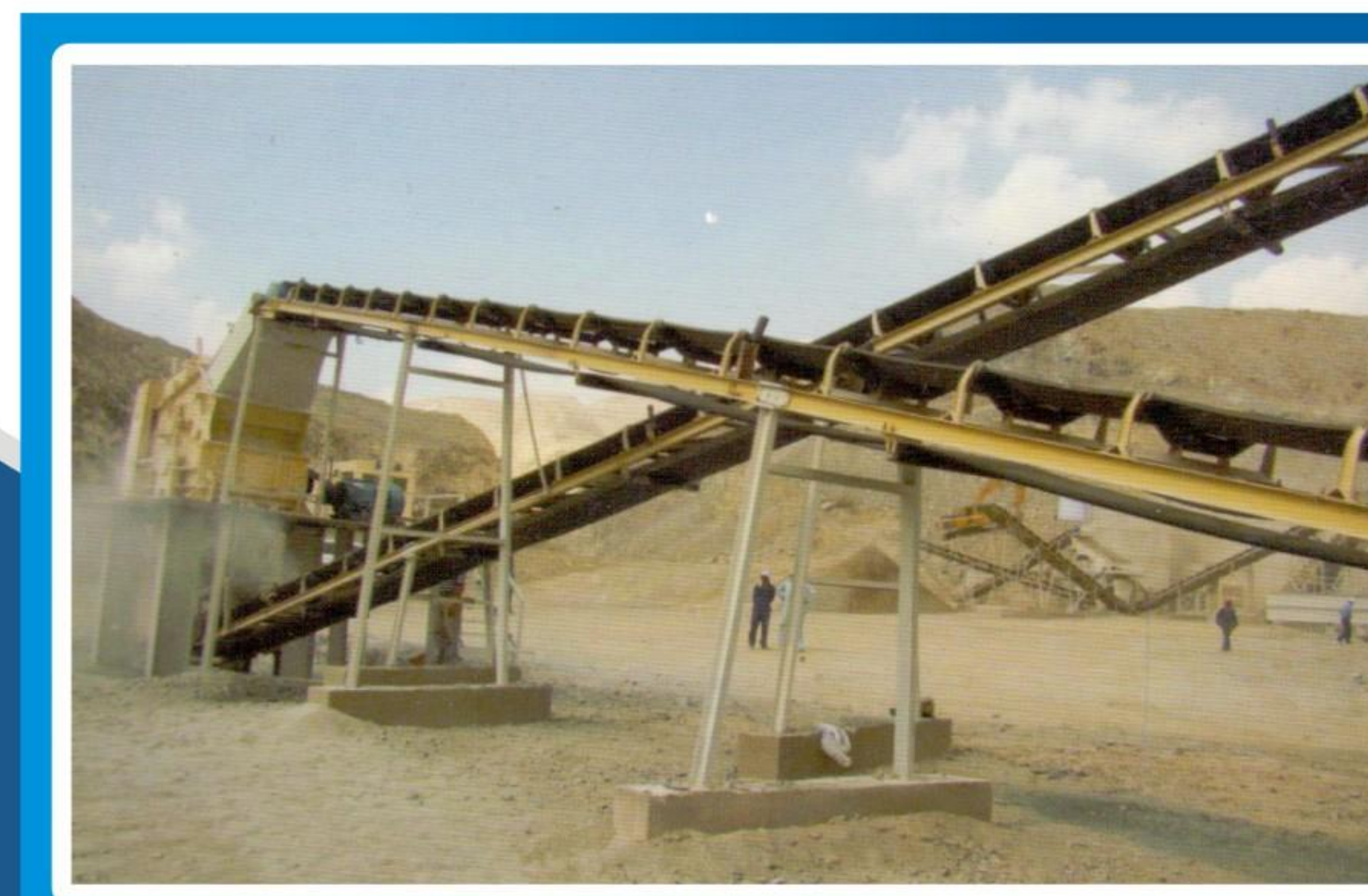


CHEVRON BELTS

Available In Different Types of Profile. These Belts Can Convey Material on Slopes Even Steeper Than 45°.

HYGIENIC CONVEYOR BELTS

Hygienic Conveyor Belts are Used For Light Duty Applications Like Assembly Line Conveyors, Tobacco Industries, Pharmaceutical Industries And Food Processing Industries Etc.,



BIN FEEDER BELT

