

OLEOSTATIC GOLD

NEW



MEGADYNE

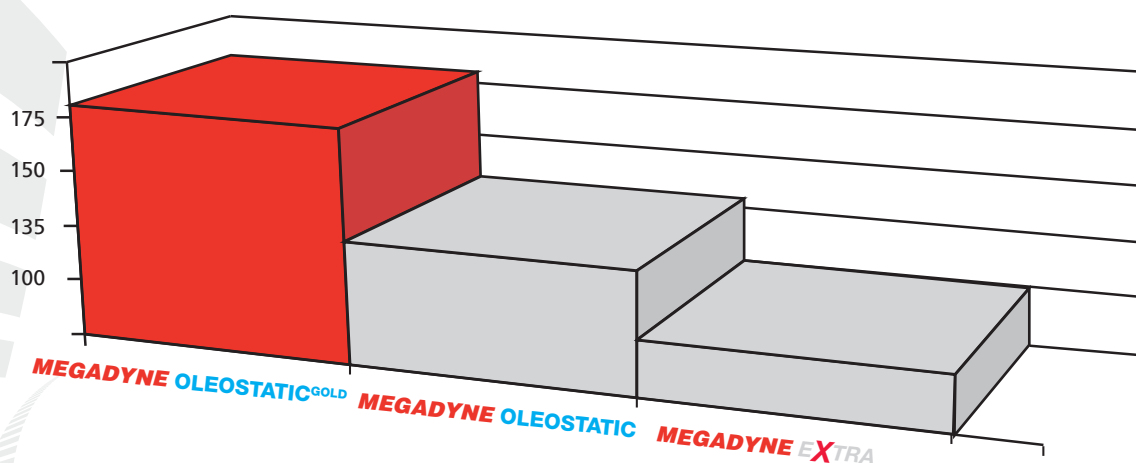
MEGADYNE OLEOSTATIC GOLD

A NEW GENERATION OF WRAPPED V-BELTS

Different materials and design features, together with an improved production process, have led to the development of a new class of higher rated wrapped V-belts. The new OLEOSTATIC GOLD V-belts product family can operate in a wide range of industrial applications, within a large spread of load capacities and speeds — offering rated performance from 100 to 8,000 RPM and power capability from 1 to 400 kW, meanwhile granting large cost advantages for the end users



PERFORMANCE COMPARISON INDEX



OLEOSTATIC GOLD RANGE

Classical (Z, A, B, C) and narrow (SPZ, SPA, SPB, SPC) cross sections and a wrapped construction, to outstand chemically aggressive environments, heat, oil and contamination.

STRUCTURE

① FABRIC: Double cover ply - CR Dip

A reinforced, double fabric cover is plied around the belt to protect it against contamination and moisture. Its increased flexibility allows the belt to bend more easily around the smallest pulleys with far less strain on the fabric, while assuring a smoother running drive.

② TOP CUSHION: SBR compound + Fibers

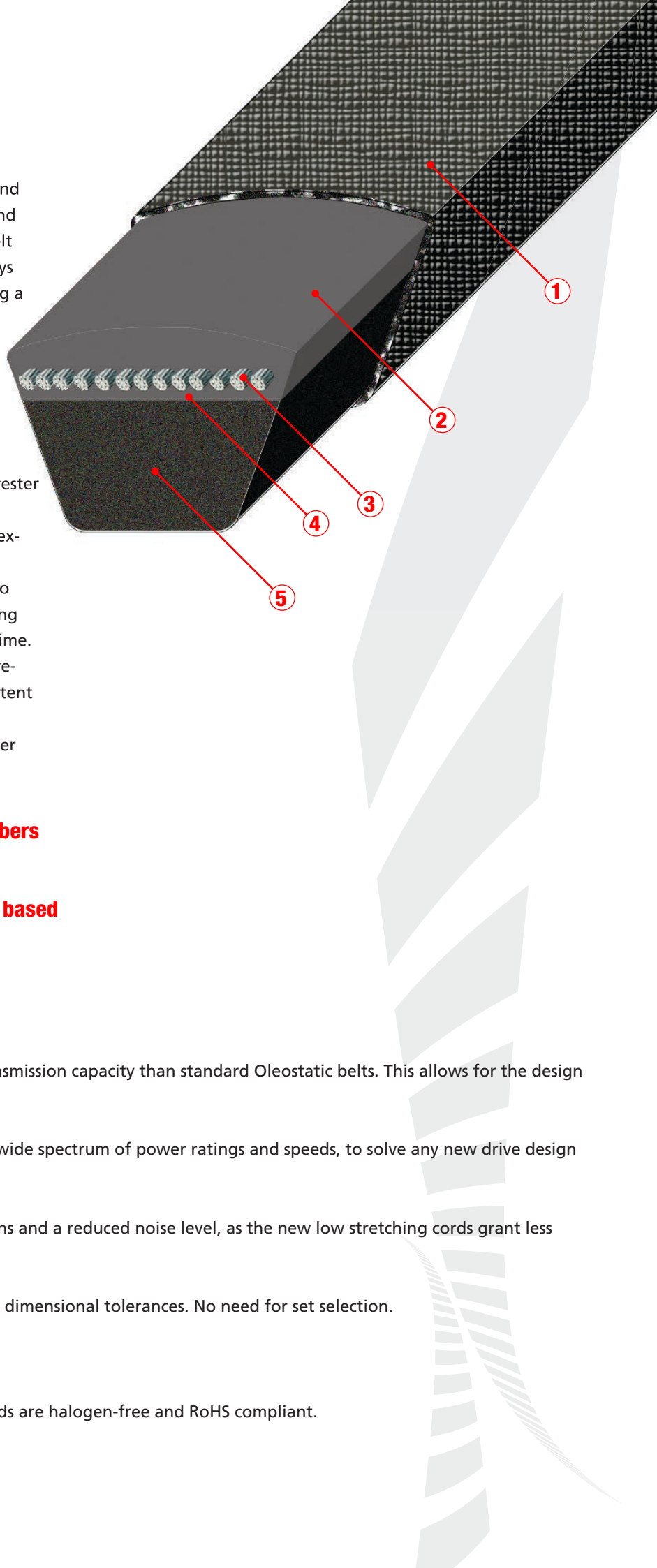
③ TENSILE CORD: H.T. Polyester

The tensile section is made up of a multiple number of high-strength, low elongation polyester cords, completely embedded in the adhesion layers, to enhance resistance to tension and flex-fatigue.

Each cord is individually and specially coated to secure a long-lasting bond with the surrounding rubber and to grant a longer operational lifetime. In addition the belt requires significantly less re-tensioning and take-up due to its cord's consistent length stability. Longer belt life means less frequent replacement, less downtime and lower maintenance costs.

④ BOTTOM CUSHION: SBR compound + Fibers

⑤ BODY COMPOUND: Polycyclopentadiene (CR) based



MAIN FEATURES

- Higher ratings: up to +30% more power transmission capacity than standard Oleostatic belts. This allows for the design of more compact drives and cost reduction.
- A wide range of sizes and sections, covers a wide spectrum of power ratings and speeds, to solve any new drive design issue or easily upgrade the existing drive.
- Smooth-running operation, with no vibrations and a reduced noise level, as the new low stretching cords grant less tension decay.
- MegaMatch. All belts molded to the tightest dimensional tolerances. No need for set selection.
- Static conductive according to ISO 1813.
- Environment-friendly belts, all the compounds are halogen-free and RoHS compliant.