

Usage

Polyflex® JB™ belts are recommended for use on bench type milling machines, lathe drives, woodworking and metalworking machine spindle drives, computer peripheral equipment, small blowers, etc. They are available in 3M-JB, 5M-JB, 7M-JB and 11M-JB sections.

Identification

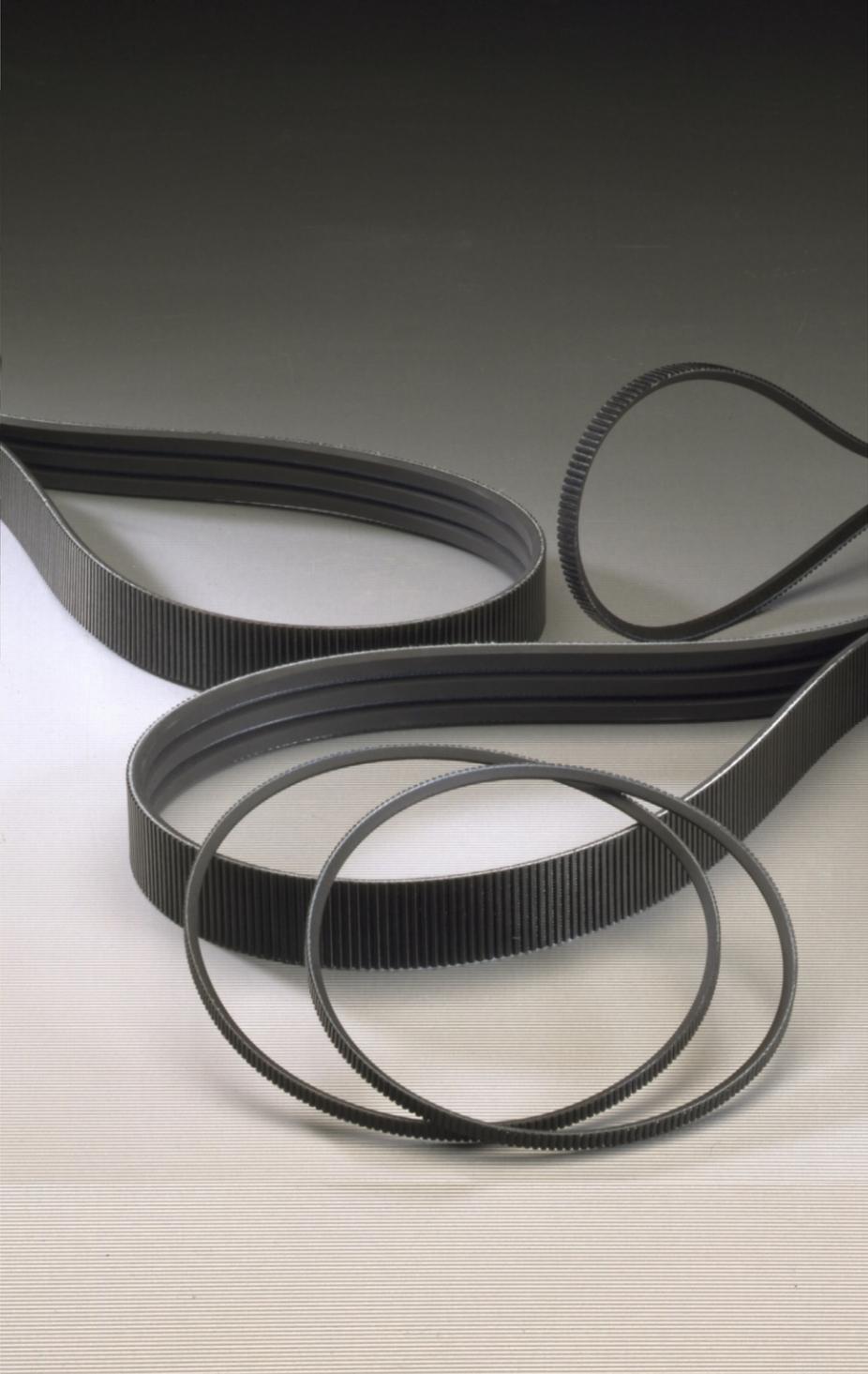
Durable marking indicating type and dimension.

Construction

- > Joined belt construction improves stability.
- > Ribs relieve bending stress on small pulleys and provide lateral rigidity.
- > 60° angle provides more undercord support to the tensile section and distributes the load more evenly.
- > Small cross-section meets special application needs such as high shaft speeds, small drive package size and smooth running requirements.
- > High modulus polyurethane compound with a high friction co-efficient.
- > The precise casting method eliminates overlaps and layers.
- > Excellent adhesion of tensile cords and polyurethane compound leads to high fatigue resistance and long belt life.
- > Extra toughness. The polyurethane compound resists fatigue, wear and ozone.

Advantages

- > Long belt life on small pulleys and compact drives.
- > Greater shaft speeds, up to 30,000 rpm.
- > High performance and smooth running for precision applications.
- > Cost savings and design freedom.
- > Avoids vibrations when subjected to shock loads.
- > Temperature ranges from -54°C up to +85°C.



Polyflex® JB™

**Polyflex® JB™
High Power Density
in Small Spaces**



GATES UNITTA INDIA CO. PVT. LTD.
Plot No. F - 19, Sipcot Industrial Park, Pondur - A
Sriperumbudur, Kancheepuram Dist. Tamilnadu - 602 105
Telephone +91 44 47115143, 47115163
Email: customercare@gatesind.com

- > Ahmedabad : 97234 52784, 97234 53421
- > Bengaluru : 99450 04929, 99721 26211
- > Bhubneshwar : 97769 00570
- > Chennai : 9840839596, 87544 90332, 87545 78464
- > Chennai (OEM) : 98409 43041
- > Delhi : 98110 06873, 78380 31300
- > Guwahati : 99547 03843

- > Indore : 94250 66374
- > Jaipur : 97998 12767
- > Kolkata : 94351 97683, 98740 84691
- > Ludhiana : 81463 55440
- > Mumbai : 98926 35675
- > Noida : 96508 06989
- > Pune : 97300 27540, 9595745476

Printed in India May '12

Developed by Gates and produced to patented manufacturing processes, Gates Polyflex® JB™ belts provide :

- > More load-carrying capacity at higher speeds to small precision multiple V-belt drives
- > Significant cost savings and improved design freedom



POWERING PROGRESS™