

How to build machines that never need grease and oil



- 1. No lubrication** – no product contamination, no maintenance required.
- 2. No moisture absorption** – eliminates the need for backlash allowance to compensate for swelling.
- 3. Steel, stainless steel, or aluminum core** – dissipates stresses and heat; reduces thermal expansion, allow secure attachment to shaft.
- 4. Engineered for longer life** – proprietary formula accurately calculates how long the gear will last.
- 5. Design Assistance** – Intech engineers can help you size the gear to last in your application. Just fill in and return the free Gear Card available below.

For your FREE Gear Card

Call **201-767-8066**

Or visit

www.intechpower.com/Gear-Card.html

www.intechpower.com

INTECH
Power-Core[®]
Innovation with future™

Only Power-Core “plastic-on-metal” gears give you all these advantages!

- No pitch-line distortion – reduces stress on the gear.
- Cast-in metal hub – high torque transmission, metal-to-metal shaft connection.
- Highly crystalline plastic – stress-free, dimensionally stable, non-hygroscopic, resistant to chemicals, suitable for vacuum applications.
- Integral keyway in steel core – prevents weakening of plastic gear.
- Longer life – outlasts other metal and plastic gears.



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