



*...shift your mold
into high gear...*

***Electroless Nickel Teflon mold coating
designed to maximize mold performance.***

- Reduces Cycle Time*
- Quick Effortless Release*
- Corrosion Resistant*
- Extends Mold Life*

*If you are looking for better performance from your molds,
call us today and find out how Mold-Tech can
shift your mold into high gear!*

TRIBOCOAT



TRIBOCOAT®

PERFORMANCE ENGINEERED ELECTROLESS COATINGS IT WILL IMPROVE YOUR PRODUCTIVITY!

Tribocoat is a proven composite electroless coating that has THE BEST combination of corrosion resistance, wear resistance, dry lubrication and adhesion properties... better than any coating on the market today.

TRIBOCOAT SPECIFICATIONS

Product	Mold-Tech Tribocoat® HT (High Teflon)	Mold-Tech Tribocoat® LT (Low Teflon)	Mold-Tech Tribocoat® EN (Electroless Nickel)
Type of Coating:	Electroless Nickel with 20% PTFE (Teflon) Composite Coating	Electroless Nickel with 7% PTFE (Teflon) Composite Coating	Electroless Nickel Coating
Thickness Range:	0.0002 to 0.0020 inches +/- 0.0001 uniform across all coated surfaces	0.0002 to 0.0020 inches +/- 0.0001 uniform across all coated surfaces	0.0002 to 0.0020 inches +/- 0.0001 uniform across all coated surfaces
Lubricity:	Coefficient of friction 0.04	Coefficient of friction 0.10	Coefficient of friction 0.10
Corrosion Resistance:	Over 300 hours salt spray @ 0.001 thick build	Over 300 hours salt spray @ 0.001 thick build	Over 300 hours salt spray @ 0.001 thick build
Hardness:	40 Rc - 50 Rc after 500°F for 2 Hours	52 Rc - 55 Rc after 500°F for 2 Hours	62 Rc - 65 Rc after 500°F for 2 Hours
Wear Resistance:	14MG. Tabor CS-10 wheel w/ 1 kg load	14MG. Tabor CS-10 wheel w/ 1 kg load	14MG. Tabor CS-10 wheel w/ 1 kg load
Operation Range:	-50°F to +750°F	-50°F to +750°F	-50°F to +750°F
Dimensional Capacity:	12' x 6' x 6'	12' x 6' x 6'	12' x 6' x 6'
Lifting Capacity:	30 tons	30 tons	30 tons

WHAT BASE METALS CAN BE COATED BY TRIBOCOAT?

All types of tool steels, BeCu, Forged Aluminum, Cast Iron, and Stainless Steels.

WHAT HAPPENS IF THE MOLD REQUIRES REPAIR AFTER TRIBOCOAT?

Tribocoat can be welded and benched without any related negative effect to the remaining mold. If the repair is in an area that is non-critical - get back to molding parts. If the coating is in a critical area, the tool will require Mold-Tech to strip and re-Tribocoat .

WILL TRIBOCOAT HELP WITH ALL PLASTICS?

Tribocoat works excellent on all molding materials except pure rubber: even silicon rubber, TPO, PVC, and sanoprene work extremely well with Tribocoat.

PRICE AND DELIVERY

Mold-Tech prides itself on exceptional customer service. We want you to come back, and to ensure that you do, we'll do everything possible to give you over-the-top service. Tribocoat is competitively priced with the benefit of yielding superior advantages to any mold coating on the market today. Normal delivery is 2-3 days.

