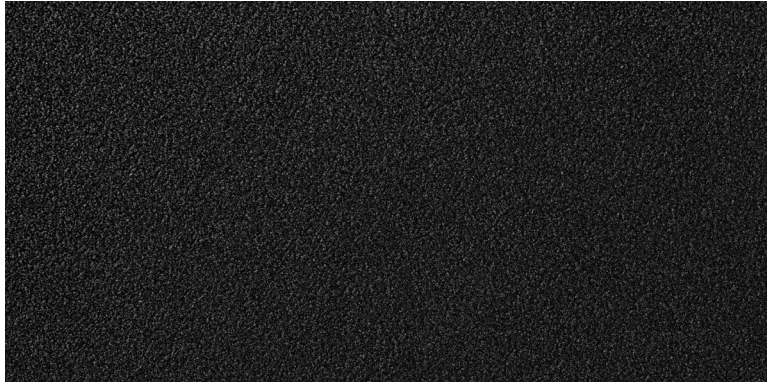


NON-STICK HOUSING



Proprietary coating that consists of a unique blend of fluorocarbons and co-polymer reinforcements. The controlled layered coating is engineered to provide an exceptional combination of release (non-stick), non-wetting, permeation strength, low friction, chemical corrosion protection, thermal stability, dielectric strength, abrasion resistance and mechanical toughness.

NON-STICK SPECIFICATIONS

- ✓ Nominal Coating Thickness: 0.001 - 0.002 inch per surface
- ✓ Surface Energy (dynes/cm): 16-18
- ✓ Taber Abrasion Resistance: 0.02 g
(ASTM D-4060-84/TM-5022-A, 1000g load, 1000 cycles, CS17 wheel)
- ✓ Salt Spray Resistance: 1500+h
(ASTM B117 5% salt water @ 35°C)
- ✓ Chemical Resistance (ASTM D543): Excellent
- ✓ Friction, Dynamic/Static (ASTM 1894): 0.08/0.10*
- ✓ FDA Compliance (21.CFR): Yes
- ✓ Hardness, Durometer, Shore D (ASTM D2240): 70
- ✓ Dielectric Strength (V/mil): 1200

**Parameter is system-dependent and will vary with load, distance and rate of travel, base material hardness, micro-finish, counter-face, temperature, and other factors.*