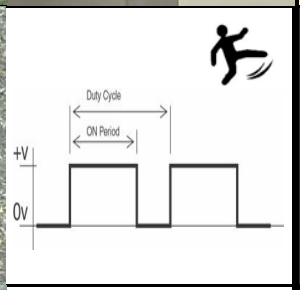
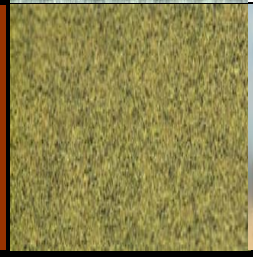
Application Cheat Sheet

Raybestos POWERTRAIN	EC³	PWM	ON/OFF	Heavy Duty	High Performance	**Temperature Resistance** *1=Highest 5=Lowest*	**Torque Capacity** *1=Highest 5=Lowest*
(T) Tan Organic Paper			●			5	2
(K) High Energy Kevlar®		●				3	3
(HC) High Carbon Paper		●				2	4
(SW Carbon™) Carbon Fiber	●					1	5
(PT) PowerTorque™				●	●	4	1

 ***TAN (T)***			**What is it?** OE approved material for passenger car applications. The Raybestos tan friction material is an affordable and dependable choice for standard on-off converter rebuilds. Manufactured with a proprietary blend of cellulose fibers and resin, Raybestos 7049 tan material yields moderate-high friction coefficients. **Recommended Usage:** Standard or “stock” rebuilds common to passenger cars and light trucks with a typical on-off converter strategy.
 ***HIGH ENERGY (K)***			**What is it?** A unique blend of Kevlar® providing smooth engagements and tolerates elevated temperatures and stresses associated with electronically controlled transmissions without glazing or burning. Performs well in both on-off and modulated lock up systems. **Recommended Usage:** Standard or “stock” rebuilds common to passenger cars and light trucks with a typical on-off converter strategy and has proven to be an economical alternative for modulated engagments.
 ***HIGH CARBON (HC)***			**What is it?** A carbon impregnated friction material able to withstand temperatures above and beyond the typical high energy/Kevlar® material. **Recommended Usage:** High Carbon is an optimum replacement for PWM controlled systems, and is a cost sensitive alternative to SW Carbon ™ in continuous slip applications.
 ***SW CARBON™***			**What is it?** A carbon fiber friction material specifically developed for continuously slipping (EC^3) applications. Benefits include extreme temperature resistance, no slip code issues, low compression set after installation, high porosity for oil flow, and low wear. **Recommended Usage:** SW Carbon™ was created for those transmission applications that demand constant slippage for improved driveability and converter performance. It is the optimum replacement for EC^3 control systems, originally equipped with the woven carbon material.
 ***POWERTORQUE™***			**What is it?** OE approved material for heavy duty applications. PowerTorque™ eliminates premature wear, increases durability, and provides higher friction values for improved holding capacity over standard tan and high energy materials. **Recommended Usage:** Heavy duty diesel & gas work trucks, fleet vehicles, and high performance truck & passenger cars with on-off and modulated apply systems.