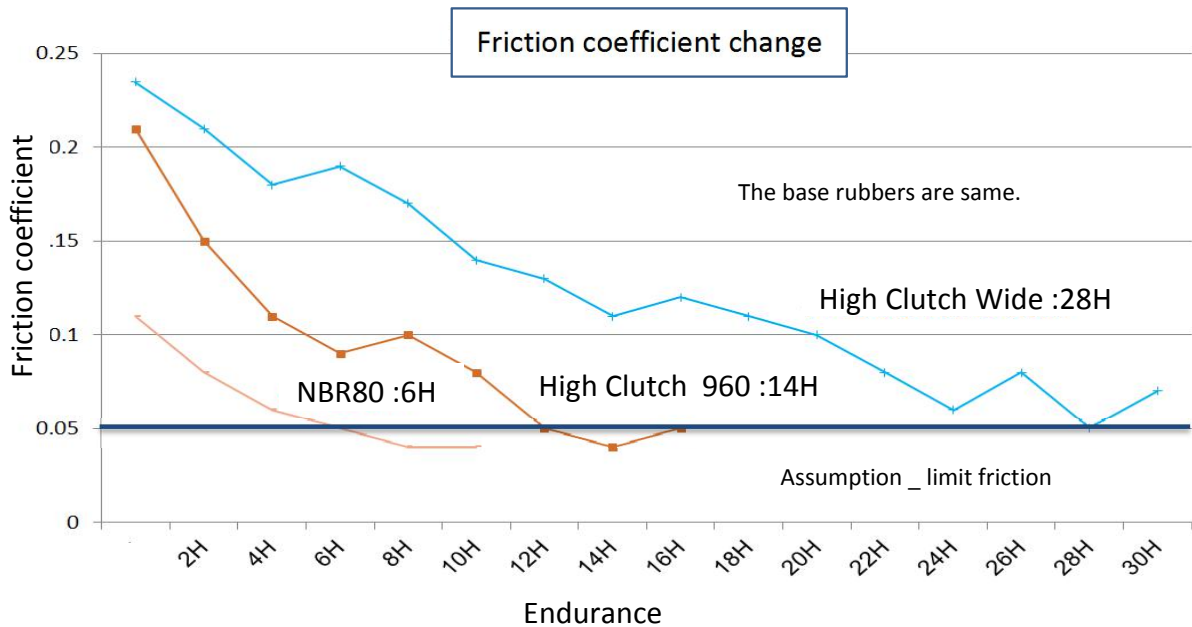


High grip and high durability High Clutch Wide

- High clutch wide is a "high friction coefficient" + "maintenance of long term friction coefficient" rubber products. Effective as the condition that it is easy to slip, such as using oil or chemicals.
- In addition, the High Clutch Wide can freely select the many kinds of rubber materials used for the base.

● Durability test (slip test) and friction coefficient

※ Test method... It is the data which examined the change value by measuring the friction coefficient every 2 hours from the start of the test by pressing the stainless steel roll against the rotated rubber test piece and slipping.



● Scratch test

※ It is the result of investigating whether a flaw will be attached when a rubber test piece is rubbed against an aluminum plate (hairline processed aluminum).

	Normal rubber	Hard clutch	High clutch wide
after scratching			
result	○ No Scratch	× Scratch	○ No Scratch

Horizontal muscle is due to hairline processing. (60 times magnified)

- Scratch resistance of High Clutch Wide is equivalent to normal rubber.

● Chemical Resistance

※ Block is immersed in a chemical solution and measured for changes in hardness and volume.

		Temp:80°C hydrochloric acid 10%	
Afte 6days	Material	Y633	Y633wide
	ΔHardness	±0	±0
	ΔVolume	-0.16%	-0.39%

		Temp :80°C sodium hydroxide 10%	
Afte 6days	Material	Y633	Y633wide
	ΔHardness	+2	+1
	ΔVolume	-0.87%	-0.95%

- The special material which is used for High clutch wide is high resistance for chemicals.
- Y633 is one of our rubber compounds and it has high chemical resistance.