

# HIGH CLUTCH U (Urethane)

For these 10 years since the start of the sale, our product High Clutch 960 made under our R&D is highly valued and reputed as the Rubber Roll with high friction coefficient among iron, steel and metal related world.

In accordance with the Users' demand, we have newly established new production technology and facilities of High Clutch U with polyurethane rubber as its main material for which your trial test and use will be appreciated.



## HIGH CLUTCH U ;

Made of high-grade composite material ;

On the special urethane rubber base (natural color) with high abrasion resistant and high tear resistant properties, strong grain rubber particles (brown color) are evenly dispersed and bound through our particular balance-mixing technology.

### ■ Stable High Friction Coefficient of High Clutch U

Friction Coefficient  $\mu$  (Steel Plate with oil : Rubber)

High Clutch U	0.4
High Clutch 960	0.2
Urethane Rubber 90	0.1

※ Oil attachment rate ; 4g / m<sup>2</sup>

※ Measured by our Winding Type Tester

As shown above, Friction coefficient of High Clutch U is of 2 times higher than High Clutch 960, and 4 times higher than ordinary Urethane. It is comparable to that of crape processed urethane rubber.

Since the urethane rubber for High Clutch U is of high aging resistance, there is little drop of friction coefficient caused by stiffening surface even in a long time use so that stable  $\mu$  shall be kept, and so, slip is prevented.



**OTAKA RUBBER INDUSTRY CO., LTD.**