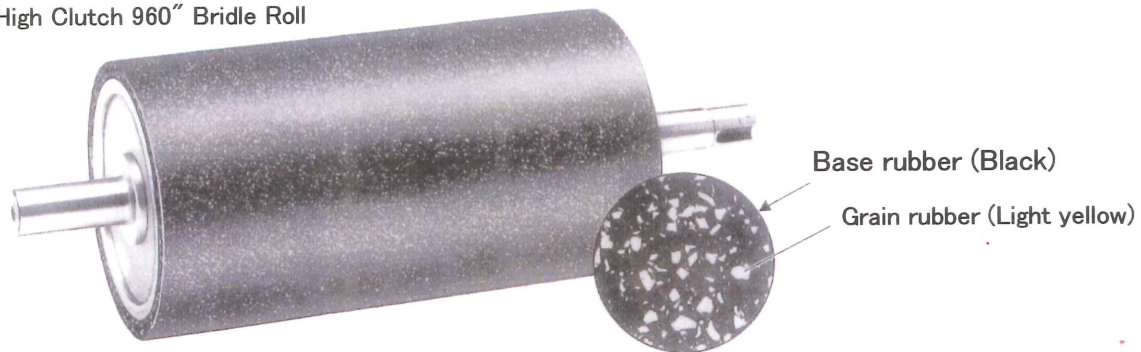


HIGH CLUTCH 960

HIGH CLUTCH IS OUR PARTICULAR PRODUCT NAME.

"High Clutch 960" Bridle Roll



Features & Construction of High Clutch 960

- (1) This is the special Rubber Roll of monolithical molding construction made of the base rubber with prominent elasticity and strength on which grain rubber is evenly dispersed.
- (2) Because of difference of hardness between base rubber and grain rubber of 5~20 JISA approx., when the roll is deformed by compression, there occurs difference of pressure distribution in between above and causes high friction coefficient in contact with the strip.
- (3) When oil and/or liquid for processing are attached on the strip surface, the above grain of High Clutch Roll will scrape them off for removal so that high friction coefficient shall be maintained. Oilproof synthetic rubber is used as the material for both base and grain rubber.
- (4) Unlike mechanical crape processing, there is little variation of friction coefficient by abrasion and because of shallow concave & convex surface, there is little staining on roll and product as well as little occurrence of marking.
At the final end process of chromate treatment and/or with very little oil application, there may be occurrence of marking by liquid for processing. In this case, our High Clutch product with grain size below 1mm (powder grain) is recommended.

Usage and Merit of High Clutch 960

- (1) Recommendable usage of this roll shall be for Bridle roll for rolled steel plate, Deflector roll, Tracking roll, Pinch roll, and etc.
In general, rubber of low hardness is suitable for Bridle roll, and rubber of high hardness is suitable for Pinch roll. (Please contact us so that we will make necessary selection and recommendation depending on the usage conditions).
For the plating line, we have Dam roll and Wringer roll with chemical resistant properties.
- (2) Because of little speed difference by slip between strip and roll, there is little occurrence of breakage and abrasion of rubber edge.
- (3) When you need a roll with higher friction coefficient and/or higher strength than High Clutch 960, High Clutch U (Urethane) is recommended.
When you need a roll with same friction coefficient as above 960 type and heat resistant for 150° C approx., High Power - High clutch type is recommended.

OTAKA RUBBER INDUSTRY CO., LTD.