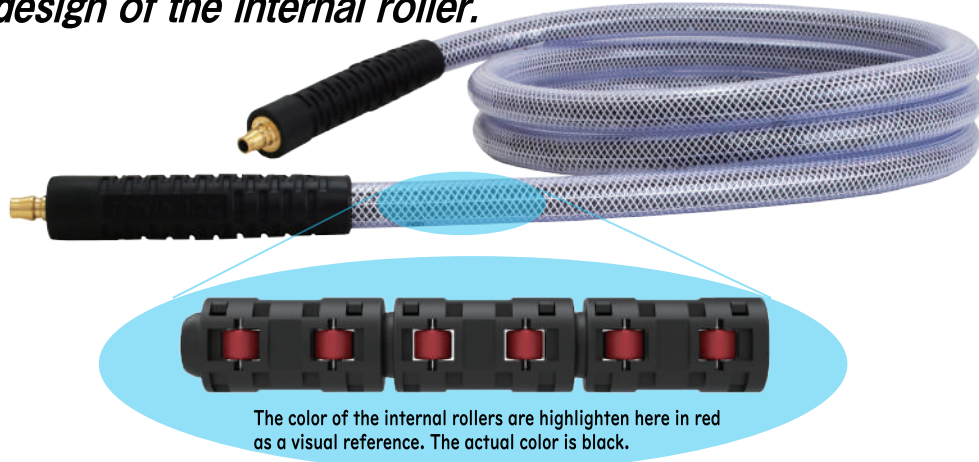


Smart-Glide

Maintenance time for wire changing has been greatly reduced by the revised structural design of the internal roller.



The color of the internal rollers are highlighten here in red as a visual reference. The actual color is black.

Outstanding wire feeding realized through minimum friction resistance.

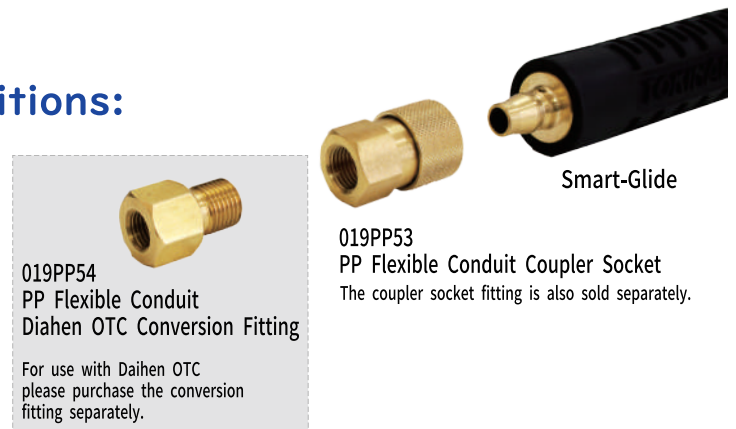
Years of accrued knowledge from selling roller-type flexible conduit and listening to end user feedback went into this design.

These combined resources together with our product development inspired the new user-friendly and affordable model "Smart-Glide".

This conduit was carefully designed to reduces wire feeding instability, wire sediment build-up, and other issues commonly seen in production lines.

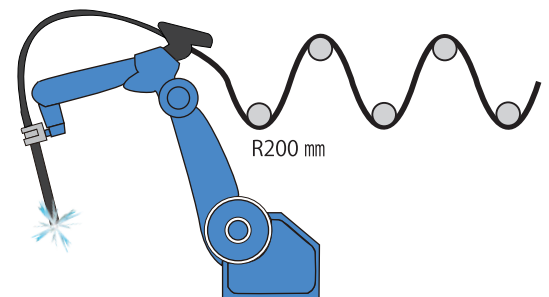
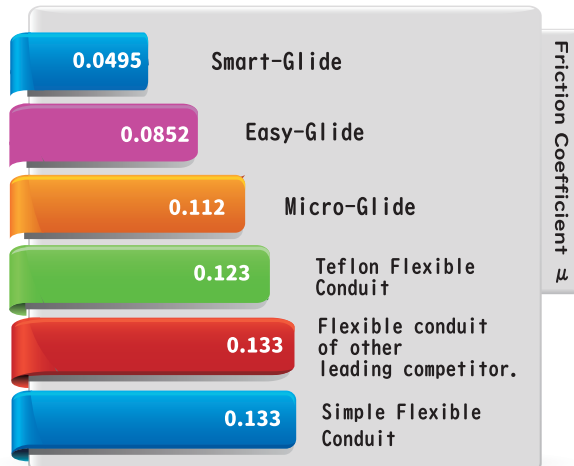
Optimal for the following welding conditions:

- ▶ If the equipment layout is tight and requires several curves in the conduit.
- ▶ If the wire path is long and wire changing is a demand on time.
- ▶ If wire changing is often required due to reoccurring sediment buildup.
- ▶ If the robot cell space is extremely confined.



Minimum Wire Feeding Resistance Realized

Test Conditions: Measured the pulling strength of the wire from a 600mm diameter bend using 3m flexible conduit.



| | | |
|--------------------------|--------------------------|---------|
| Weight (per 1m) | 0.51 kg | |
| Maximum Usable Length | 20m | |
| Recommended Bend Radius | Insertion point | R250 mm |
| | Feeding path | R200 mm |
| Applicable Wire Diameter | $\phi 0.9 \sim \phi 1.6$ | |

