



NIPOLEX®

FLEXIBLE CONDUITS & CONNECTORS

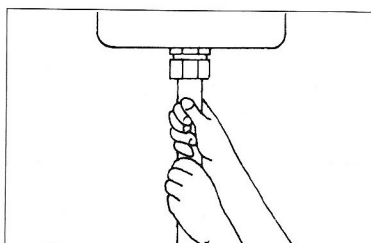
IDEAL FOR PROTECTION OF CABLES AND WIRES EXPOSED OUTSIDE MACHINE TOOLS, ROBOTS, OTHER MACHINERY AND STRUCTURES!

NIPOLEX® CONDUITS solve various problems with electrical cables and wires that need the protection against mechanical friction, abrasion, tension, stress and other detrimental effects, featuring excellent liquid-tightness and flexibility. NIPOLEX® CONDUITS have the patented unique construction. That is why they are robust and durable, while are easy to engage and disengage and extremely flexible in application.

The liquid-tight feature of the conduits is a great advantage when the cables are not to be exposed to humid, corrosive or other detrimental atmospheres. NIPPON FLEX is an expert in protection of electrical wiring and offers the wide range of wiring components.

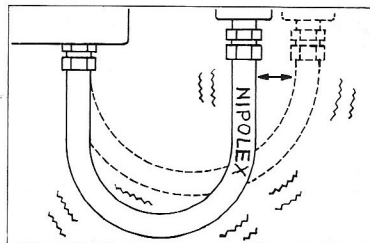
■ EXCELLENT CHARACTERISTICS

NIPPON FLEX's long-standing research and development makes its products quality.



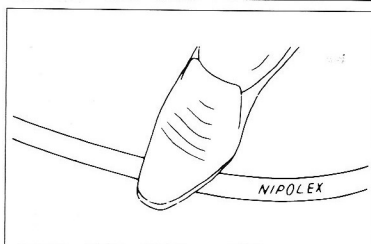
PULL-OUT RESISTANCE

In addition to the large tensile strength of NIPON FLEX® CONDUIT, NIPON FLEX® CONNECTOR provides the extreme resistance against pull-out.



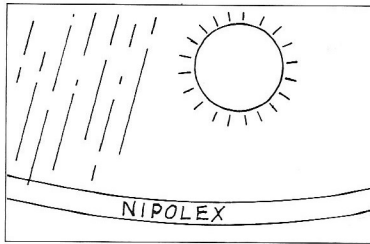
VIBRATION RESISTANCE

Extremely flexible NIPON FLEX® CONDUIT combined with robust NIPON FLEX® CONNECTOR can undergo heavy-duty use, not being affected by frequent movement and intense vibrations.



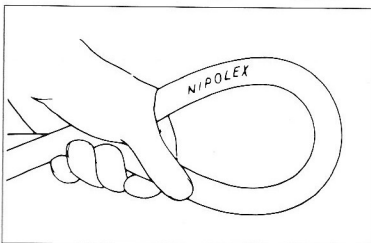
DEFORMATION AND RUPTURE RESISTANCE

Your cables or wires are well protected in NIPON FLEX® CONDUIT. They will not be damaged or squashed even when NIPON FLEX® CONDUIT is trod on.



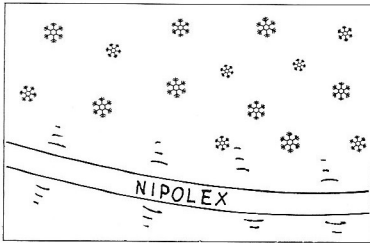
WEATHER RESISTANCE

The selected materials make it possible to use outdoor NIPON FLEX® CONDUIT and CONNECTOR for many years.



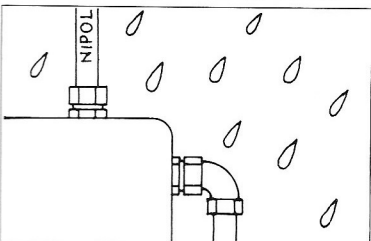
GOOD ELASTICITY AND RESILIENCY

NIPON FLEX® CONDUIT is capable of withstanding tight squeeze without residual deformation. It is particularly advantageous when conduits must be installed within a limited space.



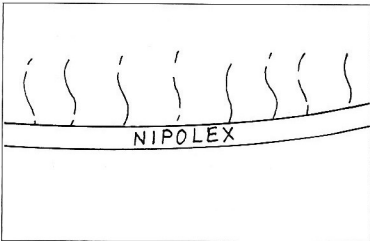
COLD RESISTANCE

It has been proven by many end users that NIPON FLEX® CONDUIT can be successfully used in freezing ambience (-40°C).



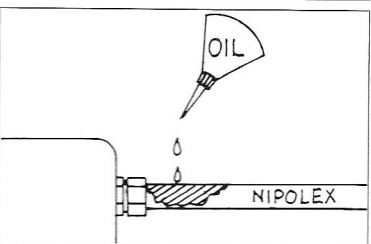
LIQUID TIGHTNESS

The patented construction of NIPON FLEX® CONNECTOR completely prevents entrance of oil, moisture, dust and other foreign matter into the interior.



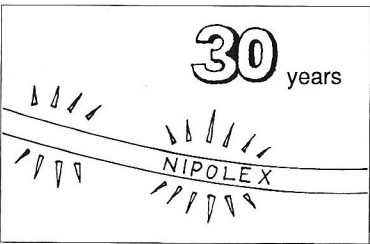
HEAT RESISTANCE

The PVC-jacketed NIPON FLEX® CONDUIT is capable of withstanding heat up to 105°C. The braid-jacketed type is extreme heat-resistance.



OIL RESISTANCE

Oils do not react on the jacket material and therefore do not cause "hardening" and "cracking" to the jacket.



DURABILITY

Countless number of NIPON FLEX® products have been used for more than 30 years.