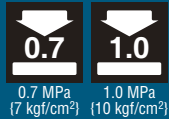


For Low Pressure (Air)

# NK Cupla Hose NK Cupla Coil Hose

Couplings with polyurethane hose for air lines

Working pressure



Valve structure



Applicable fluid



## Hi Cupla Ace sockets with polyurethane hoses are now standard stock items. Push-to-connect design for quick piping.

- The Hi Cupla Ace socket is mounted on pliable polyurethane hose featuring excellent durability and wear resistant with hose guard nut to prevent possible kinking.
- Plastic socket will cause minimum risk of damage even in contact with tools or equipment.
- Air flows in either direction from plug or from socket side when coupled.
- Spiral polyurethane coil hoses processed from straight tube have self-recoiling feature.

### Specifications

Body material		Socket : Engineering plastics (PBT, POM) Plug : Steel (Chrome-plated)		
Size		ø5 mm x ø8 mm, ø6.5 mm x ø10 mm, ø8.5 mm x ø12.5 mm		
Working pressure	MPa	NK Cupla Hose : 1.0 / NK Cupla Coil Hose : 0.7		
	kgf/cm <sup>2</sup>	NK Cupla Hose : 10 / NK Cupla Coil Hose : 7		
	bar	NK Cupla Hose : 10 / NK Cupla Coil Hose : 7		
	PSI	NK Cupla Hose : 145 / NK Cupla Coil Hose : 102		
Seal material		Seal material	Mark	Working temperature range
Working temperature range		Nitrile rubber	NBR (SG)	-5°C to +60°C
		Standard material		

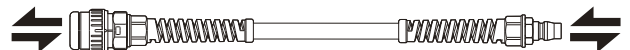
### Tightening Torque Range

Nm (kgf·cm)

Size	ø5 mm x ø8 mm	ø6.5 mm x ø10 mm	ø8.5 mm x ø12.5 mm
Torque (Socket)	1.6 to 2.0 {16 to 20}	1.6 to 2.0 {16 to 20}	2.2 to 2.8 {22 to 29}
Torque (Plug)	5 to 6 {51 to 61}	5 to 6 {51 to 61}	7 to 8 {71 to 82}

### Flow Direction

Air flows in either direction from plug or from socket side when coupled.



### Interchangeability

Interchangeable with Hi Cupla Models 10, 17, 20, 30 and 40.  
Interchangeable with each corresponding Hi Cupla models.

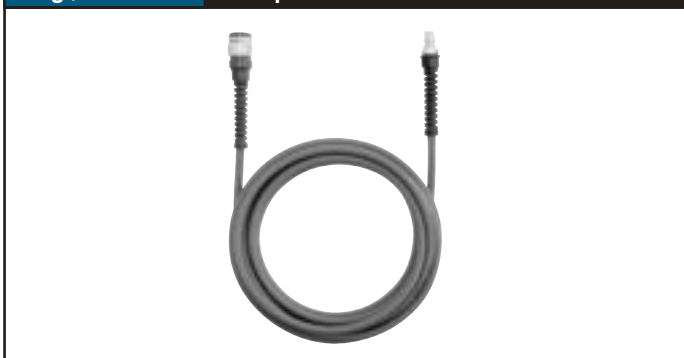
### Suitability for Vacuum

Not suitable for vacuum application in either connected or disconnected condition.

### Models and Dimensions / Hose length

#### Plug / Socket

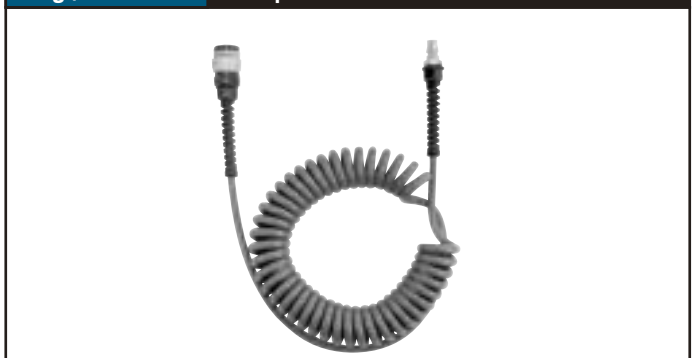
#### NK Cupla Hose



Model	Hose size	Hose length	Socket	Plug
			Hi Cupla Ace	Nut Cupla
NKU-605B	ø6.5 mm x ø10 mm	5 m	HA-65SNG	65PNG
NKU-610B	ø6.5 mm x ø10 mm	10 m	HA-65SNG	65PNG
NKU-620B	ø6.5 mm x ø10 mm	20 m	HA-65SNG	65PNG
NKU-810B	ø8.5 mm x ø12.5 mm	10 m	HA-85SNG	85PNG
NKU-820B	ø8.5 mm x ø12.5 mm	20 m	HA-85SNG	85PNG

#### Plug / Socket

#### NK Cupla Coil Hose



Model	Hose size	Max. extensible length	Socket	Plug
			Hi Cupla Ace	Nut Cupla
NKC-503B	ø5 mm x ø8 mm	2 m	HA-50SNG	50PNG
NKC-505B	ø5 mm x ø8 mm	4 m	HA-50SNG	50PNG
NKC-603B	ø6.5 mm x ø10 mm	2 m	HA-65SNG	65PNG
NKC-605B	ø6.5 mm x ø10 mm	4 m	HA-65SNG	65PNG