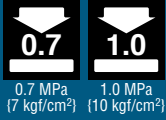


For Low Pressure (Air)

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 ²	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	Remarks
Working temperature range	Nitrile rubber	NBR (SG)	-5°C to +60°C	Standard material

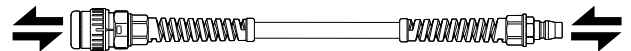
Tightening Torque Range

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

Fluid flow can be bi-directional when socket and plug are connected.



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

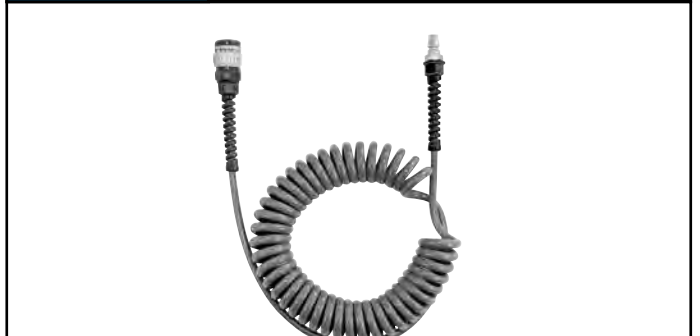
NK Cupla Hose



Model	Hose size	Hose length	Socket		Plug	
			Hi Cupla Ace	Nut Cupla	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	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	