

STANDARD

Petrol hose couplings complying with EN 14424 are hose fittings with screwed ferrules for use with rubber and thermoplastic hoses carrying flammable and non-flammable liquids or gases.

OPERATION

The hose is fully inserted into the threaded ferrule. The hose can be accurately positioned using the inspection hole in the ferrule. The male or female hose shank is inserted into the hose and screwed into the ferrule. The inside of the hose shank consists of two opposing grooves. When male or female hose shanks are screwed into the ferrule, the assembly is tightened using a specially-designed petrol hose wrench, which slides over the two opposing grooves. When the petrol hose coupling is tightened, the threaded ferrule is pressed up to the hose.

APPLICATION

For the assembly of:

1. Fuel dispensing hoses
2. Liquid natural gas hoses (LPG)
3. Tank truck hoses
4. Hoses for liquids and chemicals

WORKING PRESSURE

Minimum -0.8 bar / 11.6 psi

Maximum 16 bar / 232 psi

TEMPERATURE

-20°C / - 4 °F to + 65°C / 149 °F

Hose, coupling, assembly method and seal must be chosen in relation with the desired application and temperature range.

MATERIAL

- Coupling
Brass CW614N EN12420
- Seal
PU



ASSEMBLY

Threaded ferrule

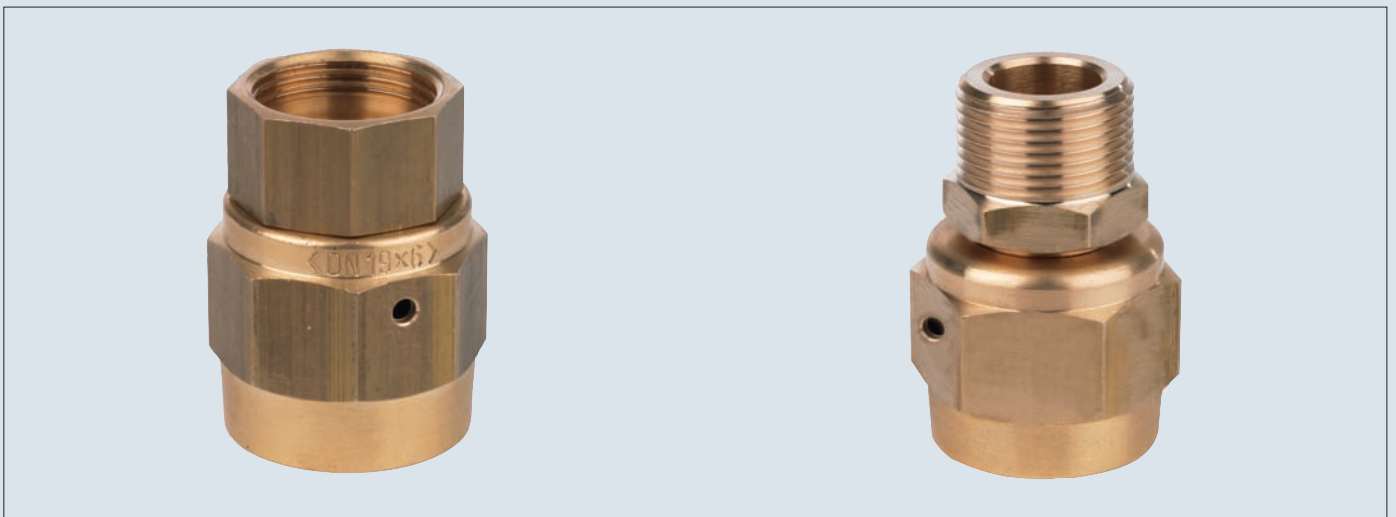
THREADS

Male part

Male thread - connection side: EN 10226-1, BSPT
EN ISO 228-1, BSP and ANSI B.1.20.1, NPT on request
Male thread - hose side: Metric ISO thread complying with DIN 13
Female thread ferrule: Metric ISO thread complying with DIN 13

Female part

Female thread - connection side: EN ISO 228-1, BSP
Male thread - hose side: Metric ISO thread complying with DIN 13
Female thread ferrule: Metric ISO thread complying with DIN 13



PETROL HOSE COUPLINGS



MALE PART WITH THREADED FERRULE

For hose mm	Male thread connection side EN 10226-1	Male thread hose side DIN 13	Female thread ferrule DIN 13	Material	Weight/pc Kg	Reference
13 x 4	R 1/2, BSPT	M16 x 1.0		Brass	0.13	BPK11304T
13 x 5	R 1/2, BSPT	M 16 x 1.0		Brass	0.13	BPK11305T
15 x 5	R 3/4, BSPT	M 19 x 1.0		Brass	0.19	BPK11505T
19 x 4	R 3/4, BSPT	M 22 x 1.5		Brass	0.16	BPK11904T
19 x 5	R 3/4, BSPT	M 22 x 1.5		Brass	0.17	BPK11905T
19 x 6	R 3/4, BSPT	M 22 x 1.5		Brass	0.20	BPK11906T
25 x 5	R 1, BSPT	M 28 x 1.5		Brass	0.25	BPK12505T
25 x 6	R 1, BSPT	M 28 x 1.5		Brass	0.27	BPK12506T
13 x 4	G 1/2, BSP	M16 x 1.0		Brass	0.13	BPK11304
13 x 5	G 1/2, BSP	M 16 x 1.0		Brass	0.13	BPK11305
15 x 5	G 3/4, BSP	M 19 x 1.0		Brass	0.19	BPK11505
19 x 4	G 3/4, BSP	M 22 x 1.5		Brass	0.16	BPK11904
19 x 5	G 3/4, BSP	M 22 x 1.5		Brass	0.17	BPK11905
19 x 6	G 3/4, BSP	M 22 x 1.5		Brass	0.20	BPK11906
25 x 5	G 1, BSP	M 28 x 1.5		Brass	0.25	BPK12505
25 x 6	G 1, BSP	M 28 x 1.5		Brass	0.27	BPK12506
13 x 4	1/2, NPT	M16 x 1.0		Brass	0.13	BPK11304N
13 x 5	1/2, NPT	M 16 x 1.0		Brass	0.13	BPK11305N
15 x 5	3/4, NPT	M 19 x 1.0		Brass	0.19	BPK11505N
19 x 4	3/4, NPT	M 22 x 1.5		Brass	0.16	BPK11904N
19 x 5	3/4, NPT	M 22 x 1.5		Brass	0.17	BPK11905N
19 x 6	3/4, NPT	M 22 x 1.5		Brass	0.20	BPK11906N
25 x 5	1, NPT	M 28 x 1.5		Brass	0.25	BPK12505N
25 x 6	1, NPT	M 28 x 1.5		Brass	0.27	BPK12506N



Male thread connection side: EN 10226-1, BSPT
 EN ISO 228-1, BSP and ANSI B 1.20.1, NPT on request
 Male thread hose side: ISO metric DIN 13
 Female thread ferrule: ISO metric DIN 13
 Other dimensions available on request

FEMALE PART WITH THREADED FERRULE

For hose mm	Female thread nut EN ISO 228-1	Male thread hose side DIN 13	Female thread ferrule DIN 13	Material	Weight/pc Kg	Reference
13 x 4	G 1/2, BSP	M 16 x 1.0		Brass	0.13	BPK21304
13 x 5	G 1/2, BSP	M 16 x 1.0		Brass	0.13	BPK21305
15 x 5	G 3/4, BSP	M 19 x 1.0		Brass	0.14	BPK21505
19 x 4	G 3/4, BSP	M 22 x 1.5		Brass	0.15	BPK21904
19 x 5	G 3/4, BSP	M 22 x 1.5		Brass	0.16	BPK21905
19 x 6	G 3/4, BSP	M 22 x 1.5		Brass	0.19	BPK21906
25 x 5	G 1, BSP	M 28 x 1.5		Brass	0.21	BPK22505
25 x 6	G 1, BSP	M 28 x 1.5		Brass	0.23	BPK22506



Female thread connection side: EN ISO 228-1, BSP
 Male thread hose side: ISO metric DIN 13
 Female thread ferrule: ISO metric DIN 13
 Thread seal: PU
 Other dimensions available on request

PETROL HOSE COUPLINGS



THREAD SEAL - PUR

ND	Inch	ODØmm	ID Ø mm	Height mm	Weight/pc kg	Reference
15	1/2"	20.0	13.0	1.5	0.001	X2RV013
20	3/4"	26.0	19.0	1.5	0.001	X2RV020
25	1"	33.0	24.0	2.0	0.001	X2RV025
32	1.1/4"	42.0	33.0	2.0	0.001	X2RV032
40	1.1/2"	48.0	39.0	2.0	0.001	X2RV038

Material: PU

Colour: Brown

Seal dimensions in compliance with EN 14420-5

See chapter E for more information regarding chemical resistance



ACCESSORIES

WRENCH

ND	Material	Weight/pc Kg	Reference
15-2-25	Brass	0.06	BPKEY1
32-40	Brass	0.06	BPKEY2

