

## 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

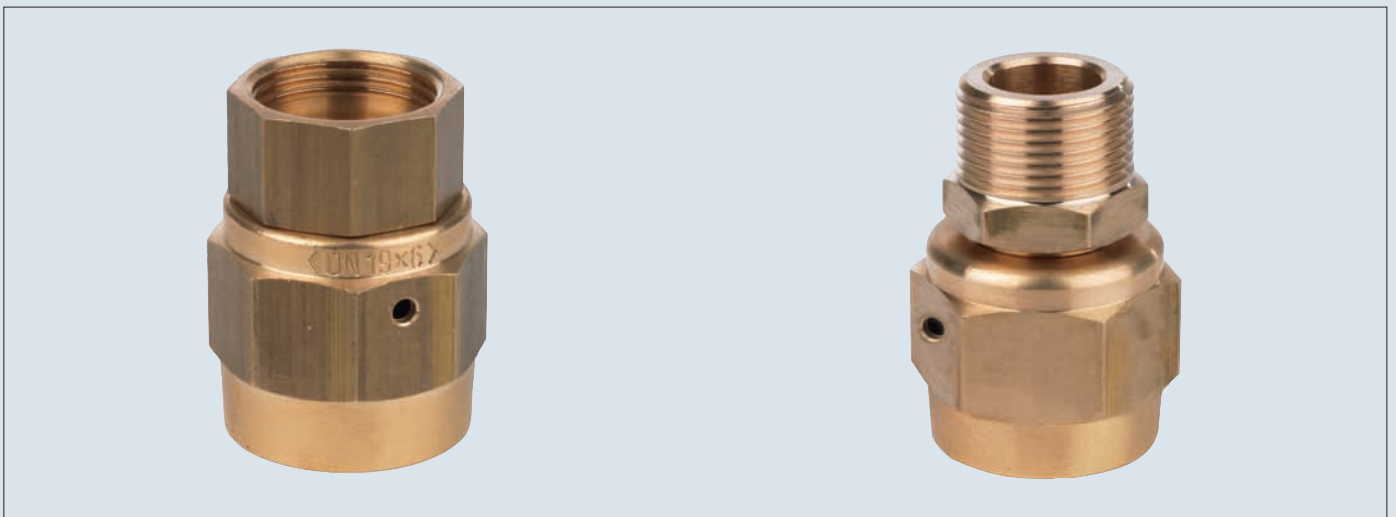
## THREADS

### 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 5	R 1/2		M 16 x 1.0	Brass	0.13	BPK11305T
15 x 5	R 3/4		M 19 x 1.0	Brass	0.19	BPK1151905T
19 x 4	R 3/4		M 22 x 1.5	Brass	0.16	BPK11904T
19 x 5	R 3/4		M 22 x 1.5	Brass	0.17	BPK11905T
19 x 6	R 3/4		M 22 x 1.5	Brass	0.20	BPK11906T
19 x 4	R 1		M 22 x 1.5	Brass	0.19	BPK1192504T
19 x 5	R 1		M 22 x 1.5	Brass	0.20	BPK1192505T
19 x 6	R 1		M 22 x 1.5	Brass	0.21	BPK1192506T
25 x 5	R 1		M 28 x 1.5	Brass	0.25	BPK12505T
25 x 6	R 1		M 28 x 1.5	Brass	0.27	BPK12506T
32 x 6	R 1.1/4		M 36 x 1.5	Brass	0.44	BPK13206T
38 x 6.5	R 1.1/2		M 42 x 1.5	Brass	0.56	BPK13806T



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 5	G 1/2		M 16 x 1.0	Brass	0.13	BPK21305
15 x 5	G 3/4		M 19 x 1.0	Brass	0.14	BPK2151905
19 x 4	G 3/4		M 22 x 1.5	Brass	0.15	BPK21904
19 x 5	G 3/4		M 22 x 1.5	Brass	0.16	BPK21905
19 x 6	G 3/4		M 22 x 1.5	Brass	0.19	BPK21906
19 x 4	G 1		M 22 x 1.5	Brass	0.17	BPK2192504
19 x 5	G 1		M 22 x 1.5	Brass	0.18	BPK2192505
19 x 6	G 1		M 22 x 1.5	Brass	0.19	BPK2192506
25 x 5	G 1		M 28 x 1.5	Brass	0.21	BPK22505
25 x 6	G 1		M 28 x 1.5	Brass	0.23	BPK22506
32 x 6	G 1 1/4		M 36 x 1.5	Brass	0.38	BPK23206
38 x 6.5	G 1.1/2		M 42 x 1.5	Brass	0.60	BPK23806



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

