

KIT RACOR



Accessory for Residential Service Connection Installation Brass and Plastic



Main features

The kit is composed of 6 pieces: 2 tubes, 2 washers, and 2 gasket-type washers.

Brass Kit:

- Tube and nut made of forgeable brass according to DIN 1709.
- Gasket made of low-density polyethylene (LDPE)

Plastic Kit:

- Tube and nut made of high-strength engineering-grade material.
- Gasket made of low-density polyethylene (LDPE)

Complies with the technical requirements of Resolution 0501 of 2017 issued by the Ministry of Housing, Culture, and Territory.

Available in various inlet and outlet sizes from 1/2" to 1".

Materials

Piece	Material
Brass Kit	
2 G Nut	Forged Brass DIN 1709 MS-58
2 Nipple	Forged Brass DIN 1709 MS-58
2 Nipple Gasket	PELD
Plastic Kit	
2 G Nut	PP + FV
2 Octagonal nipple	PP+FV
2 Nipple Gasket	PELD

Technical information

Performance under extreme conditions: Designed to be installed alongside the meter in protective boxes. Does not require special care.

Recommended use: For use in residential water service connections

Accessory description: Does not require additional accessories

Loading recommendations: Do not exceed loads of 25 kg.

Lubricant recommendations: Due to its manufacturing design, no lubricants are required. The use of Teflon tape is recommended to ensure proper sealing.

Preventive and corrective maintenance instructions: No maintenance required.

Test description

Brass Kit: Static pressure: 32 bar, tensile strength \geq 2,000 kgf, torque resistance \geq 25 lb-ft, gasket hardness: 90.5 Shore A.

Plastic Kit: Static pressure: 32 bar, tensile strength \geq 600 kgf, torque resistance \geq 25 lb-ft, gasket hardness: 90.5 Shore A.

Technical Operating Characteristics

Comercial Reference	Brass Kit				Plastic Kit
Tube Thread	1/2"	3/4"	1"	1 1/2"	1/2"
Nut Thread	G 3/4"	G1"	G 1 1/4"	G 2"	G 3/4"
KIT Weight (g)	82	156	262	460	24,1
Nipple Length (mm)	40-70	40-70	54	60	45
Nut Length (mm)	15,5	20,5	21	22	20
Width (mm)	30	36	48	64	38
Material	Forged brass DIN 1709				Plastic

Certifications



Certificado No. CPC-07500-1-D-19
Esquema 5

DOCUMENT'S VERIFICATION AND APPROVAL

