

Data sheet

RONDO sealing collar RO 180 - Standard

Tightening of pipes with outer diameter 177 - 187 mm



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article number:	090922
article group:	400 - Rondo Typ Standard
GTIN:	4251689517143
customs tariff number:	40169300
packing unit:	pc
sales quantity unit:	1 Stk
weight per:	pc = 0.7 kg
material:	TPE mixture
colour:	green
suitable for outer diameter:	177 - 187 mm
density:	approx. 1,17 kg/dm ³
hardness:	approx. 55 ± 5 Shore A
tensile strength:	approx. 6,5 N/mm ²
elongation at break:	approx. 380 %
service temperature range:	approx. -30° C bis +70° C
test certificate / approvals:	Test report MFPA Leipzig No.: PB 5.1 / 13-164 Alkali resistance (RO 10 – RO 400) MPA Braunschweig (1200/642/15b) – Pan of 26.01.2016 Radon tightness (RO 10 - RO 400) Dr. Joachim Kemski 2016090901d v. 19.09.2016

resistances:

e.g.

- Diluted acids (green/black)
- Diluted alkalis (green/black)
- Oil and bitumen (green)
- Methane gas (green)
- Ozone (green)

Further resistances are available on request

Substances according to the SVHC list contained or proportional weight $\geq 0.1\%$:	No
conform to ROHS Guideline:	Yes
waterpressuretightness:	10 bar
storage:	Store in a dry place and out of direct sunlight
disposal:	Can be disposed of at municipal waste landfill sites, taking into account the local waste disposal regulations.

Basis

All dimensions and information in this data sheet reflect the results of the laboratory tests that have been carried out. Deviations from the values determined by us under laboratory conditions are possible due to environmental and operating conditions beyond our control. The data in this data sheet only applies for the product delivered by us. The product data corresponds only to the specifications in Germany. Possible country-specific deviations are not taken into account here.

Lifetime

The useful life of buildings is designed for 50 years, and so are the products that are installed. However, this can be shortened by external influences. The expected lifetime of our products depends to a large extent on the installation location (e.g. buried installation, damp environment, offshore, etc.). In addition, there are external influences such as exposure to chemical influences (e.g. acids, aggressive media, aqueous solutions, industrial waste water, oils, etc.) and ambient temperatures / operating temperatures. Ultimately, no generally valid statement can be made about the guaranteed service life of our MASTERTEC products, as this depends on many parameters (use, environmental influences, installation requirements, safety regulations, etc.). To ensure safe operation, we recommend continuous testing of the product, as part of an operating and maintenance manual to be prepared by the customer in accordance with the safety requirements.

Indication of law

The technical information reflects our current knowledge of the product RONDO sealing collar RO 180 - Standard. It is intended only as information for users. As we do not know the envisaged applications and processing conditions, it is the responsibility of the user to carefully check that the product is suitable for the intended purposes. Due to the different components at the installation site and the working conditions in place there, MASTERTEC cannot provide any guarantee whatsoever for the result of the work. Claims arising from any legal relationship can only be recognised in the event of wilful intent or gross negligence, irrespective of the statements made here or advice provided verbally. In this case the user must prove that he has provided MASTERTEC in writing with all the information required to correctly assess the installation situation in good time. Subject to necessary product



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The previous data sheets are no longer valid

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