

10 PACK MEMBRANE EPDM I52

ART. NO. 320052

GENERAL



KEOFITT has the widest selection of spare parts and accessories to complete your sampling system. The patented membrane design is an essential part of the hygienic design of the KEOFITT sampling valves.

FEATURES



Compatible with all KEOFITT I52 valve heads equipped with EPDM membrane



CERTIFICATION*

EU EC 1935/2004 · EU EC 2023/2006 · DK No. 1248 10/2018 · FDA CFR 21 §177.2600 · USP Class VI · REACH · RoHS · ADI Free · Keofitt DoC

TECHNICAL DATA

Material (without process contact)

Type:	EPDM, BLACK (#320052)
Hardness, DIN 53 505 [Shore A]:	62 ± 3
Tensile strength, ISO 37 [MPa]:	20 ± 3
Elongation at break, ISO 37 [%]:	400 ± 60
M100, ISO 37 [MPa]:	3.1 ± 0.5
Tear strength, ISO 34-1 [N/mm]:	36 ± 5
Density, ISO 2781 [g/ml]:	1.08 ± 0.01

Temperature in dry atmospheric air [°C/°F]:	-40 - +140 / -40 - +284
Compression set, ISO 815, 70°C/24 h/25%/30 min. [%]:	13 ± 2

Wear resistance:	3
Resistance to weather and ozone:	4
Resistance to hydrolysis:	4
Resistance to chemicals (acids/bases):	3
Resistance to oil:	1
Permeability (gas):	1

4: Excellent 3: Good 2: Fair 1: Poor

Net weight

Kg/lbs: 0.00349 kg/0.00770 lbs

SERVICE TIME

Average service life of a EPDM membrane is 2-3 months, but depends very much on operating conditions and choice of cleaning method and sterilization - actual life expectancy must be experimentally determined by the user.

