

certificate

KOMO[®]

Product certificate



Number	K20804/03	Replaces	K20804/02
Issued	2006-03-01	Dated	2005-06-01
Valid till	Indefinite	Page	1 of 5

Flexible rubber couplings for non-pressure
sewerage and drainage

FLEX-SEAL Couplings Ltd

STATEMENT BY KIWA

This product certificate is issued by Kiwa on the basis of BRL 5220 "Flexible rubber couplings for non-pressure sewerage and drainage", in accordance with the Kiwa Regulations for Product Certification.

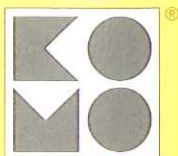
Kiwa declares that legitimate confidence exists that the by the producer manufactured products comply with the technical specifications as laid down in this product certificate, provided that these products are marked with the KOMO[®]-mark reproduced below in the manner indicated in this product certificate.

ing. B. Meekma
director Certification and Inspection, Kiwa N.V.

It is advised to consult www.kiwa.nl in order to ensure that this document is still valid.

Kiwa N.V.
Certification and Inspection
Sir W. Churchill-laan 273
P.O. Box 70
2280 AB RIJSWIJK ZH
Tel. +31 70 414 44 00
Fax +31 70 414 44 20
www.kiwa.nl

Producer
FLEX-SEAL Couplings Ltd
Endeavour Works
Newlands Way, Valley Park
Wombwell, Barnsley S73 0UW
England
Telephone +44 1226 340222
Telefax +44 1226 340400



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Evaluated is:
quality system
product
Periodic inspection

Flexible rubber couplings for non-pressure sewerage and drainage

PRODUCT SPECIFICATION

Marking

The products are marked with the KOMO-mark. The realization of this mark is as follows: indelible imprint.
Place of the mark: on each coupling.

Compulsory indications:

- ◆ word mark KOMO;
- ◆ manufacturer's mark;
- ◆ rubber material (EPDM or NBR);
- ◆ nominal outside diameter in mm;
- ◆ production code.

Technical specification of the product

General

Flexible rubber couplings for non-pressure sewerage and drainage according to BRL 5220.

Specification

The products as indicated in the tables below, belong to this product certificate.

range d_i in mm	product number
110 - 121	SC 120
110 - 125	SC 125
120 - 137	SC 137
125 - 150	SC 150
140 - 165	SC 165
150 - 175	SC 175
160 - 182	SC 180
175 - 200	SC 200
190 - 215	SC 215
200 - 225	SC 225
225 - 250	SC 250
250 - 275	SC 275
265 - 290	SC 290
285 - 310	SC 310
295 - 320	SC 320
305 - 335	SC 335
315 - 345	SC 345
340 - 360	SC 360
355 - 385	SC 385
385 - 410	SC 410
400 - 425	SC 425
405 - 430	SC 430
420 - 445	SC 445
435 - 465	SC 465
465 - 490	SC 490
480 - 510	SC 510
495 - 525	SC 525
510 - 540	SC 540
520 - 550	SC 550
530 - 560	SC 560
555 - 580	SC 580
570 - 600	SC 600
590 - 620	SC 620

range d_i in mm	d_e in mm	product number
55 - 65	110	BC 23/65
65 - 76	110	BC 17/76
85 - 95	110	BC 08/95
55 - 65	120	BC 27/65
85 - 95	120	BC 12/95
92 - 102	115	BC 06/102
95 - 105	120	BC 08/105
95 - 105	145	BC 20/105
105 - 115	130	BC 08/115
105 - 115	145	BC 15/115
122 - 132	145	BC 07/132
122 - 132	170	BC 19/132
135 - 145	170	BC 13/145
154 - 164	195	BC 16/164
158 - 168	220	BC 26/168
160 - 170	185	BC 08/170
190 - 200	215	BC 08/200
195 - 205	270	BC 33/205
255 - 265	280	BC 08/265
325 - 335	380	BC 20/335

range d_i in mm	product number
120 - 136 / 110 - 121	AC 4000
178 - 200 / 160 - 180	AC 6000
260 - 285 / 180 - 205	AC 9001

Flexible rubber couplings for non-pressure sewerage and drainage

Table 4 – Reducing coupling (EPDM)

range d _i in mm	product number	range d _i in mm	product number
110 - 122 / 80 - 95	AC 1221	240 - 265 / 144 - 160	AC 2654
110 - 125 / 100 - 115	AC 5144	240 - 265 / 170 - 192	AC 2655
121 - 136 / 80 - 95	AC 1361	240 - 265 / 190 - 215	AC 2656
121 - 136 / 100 - 115	AC 1362	240 - 265 / 210 - 235	AC 2657
130 - 145 / 110 - 125	AC 1452	250 - 275 / 160 - 175	AC 2754
140 - 155 / 90 - 105	AC 1552	250 - 275 / 200 - 225	AC 2756
144 - 160 / 110 - 122	AC 1602	265 - 290 / 144 - 160	AC 2904
144 - 160 / 121 - 136	AC 1603	265 - 290 / 210 - 235	AC 2907
155 - 170 / 110 - 125	AC 1702	265 - 290 / 235 - 260	AC 2908
155 - 170 / 130 - 145	AC 1703	270 - 295 / 185 - 210	AC 2956
170 - 192 / 110 - 122	AC 1922	295 - 320 / 144 - 160	AC 3204
170 - 192 / 121 - 136	AC 1923	295 - 320 / 170 - 192	AC 3205
170 - 192 / 144 - 160	AC 1924	295 - 320 / 210 - 235	AC 3207
180 - 200 / 130 - 145	AC 2000	295 - 320 / 240 - 265	AC 3208
180 - 200 / 155 - 170	AC 2001	295 - 320 / 265 - 290	AC 3209
185 - 210 / 100 - 115	AC 2100	310 - 335 / 180 - 205	AC 3351
185 - 210 / 160 - 180	AC 2101	335 - 360 / 240 - 265	AC 3608
195 - 215 / 100 - 115	AC 2152	335 - 360 / 265 - 290	AC 3609
190 - 215 / 150 - 165	AC 2154	335 - 360 / 295 - 320	AC 3600
200 - 225 / 160 - 175	AC 2254	360 - 385 / 240 - 265	AC 3858
210 - 235 / 110 - 122	AC 2352	360 - 385 / 265 - 290	AC 3859
210 - 235 / 121 - 136	AC 2353	360 - 385 / 300 - 325	AC 3850
210 - 235 / 144 - 160	AC 2354	395 - 420 / 240 - 265	AC 4208
210 - 235 / 170 - 192	AC 2355	395 - 420 / 265 - 290	AC 4209
210 - 235 / 190 - 215	AC 2356		

Table 5 – Reducing coupling (NBR)

range d _i in mm	product number	range d _i in mm	product number
105-120/35-45	AC1201N	210-235/190-215	AC2356N
110-122/80-95	AC1221N	240-265/144-160	AC2654N
110-122/48-56	AC1225N	240-265/170-192	AC2655N
110-122/60-68	AC1226N	240-265/190-215	AC2656N
121-136/80-95	AC1361N	240-265/210-235	AC2657N
121-136/100-115	AC1362N	250-275/160-175	AC2754N
130-145/110-125	AC1452N	250-275/200-225	AC2756N
140-155/90-105	AC1552N	265-290/144-160	AC2904N
144-160/110-122	AC1602N	265-290/210-235	AC2907N
144-160/121-136	AC1603N	265-290/235-260	AC2908N
155-170/110-125	AC1702N	295-320/144-160	AC3204N
155-170/130-145	AC1703N	295-320/170-192	AC3205N
170-192/110-122	AC1922N	295-320/210-235	AC3207N
170-192/121-136	AC1923N	295-320/240-265	AC3208N
170-192/144-160	AC1924N	295-320/265-290	AC3209N
180-200/130-145	AC2000N	335-360/295-320	AC3600N
180-200/155-170	AC2001N	335-360/240-265	AC3608N
185-210/100-115	AC2100N	335-360/265-290	AC3609N
185-210/160-180	AC2101N	360-385/300-325	AC3850N
190-215/150-165	AC2154N	360-385/240-265	AC3858N
200-225/160-175	AC2254N	360-385/265-290	AC3859N
210-235/110-122	AC2352N	121-136/110-121	AC4000N
210-235/121-136	AC2353N	110-125/100-115	AC5144N
210-235/144-160	AC2354N	180-200/160-180	AC6000N
210-235/170-192	AC2355N	180-200/144-160	AC6001N
		260-285/180-205	AC9001N

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Table 6 – Drainage coupling (NBR)

range d _i in mm	product number
50-65	DC65N
80-95	DC95N
100-115	DC115N
110-125	DC125N
120-135	DC135N
135-150	DC150N
150-165	DC165N
160-175	DC175N
170-185	DC185N
180-195	DC195N
200-215	DC215N
210-225	DC225N
235-250	DC250N
260-275	DC275N

Table 7 – Bushes

range d _i in mm	product number
100-199	BC16/100N
200-299	BC16/200N
300-399	BC16/300N
200-299	BC24/200N
300-399	BC24/300N

Table 8 – Standard LC (190 mm wide) (NBR)

range d _i in mm	product number
601-699	LC600N
700-799	LC700N
800-899	LC800N
900-999	LC900N
1000-1099	LC1000N
1100-1199	LC1100N
1200-1299	LC1200N

Table 9 - Straight coupling (NBR)

range d _i in mm	product number	range d _i in mm	product number
100-115	SC115N	305-335	SC335N
110-121	SC120N	315-345	SC345N
110-125	SC125N	340-360	SC360N
120-137	SC137N	355-385	SC385N
125-150	SC150N	385-410	SC410N
140-165	SC165N	400-425	SC425N
150-175	SC175N	405-430	SC430N
160-182	SC180N	420-445	SC445N
175-200	SC200N	435-465	SC465N
190-215	SC215N	465-490	SC490N
200-225	SC225N	480-510	SC510N
225-250	SC250N	495-525	SC525N
240-265	SC265N	510-540	SC540N
250-275	SC275N	520-550	SC550N
265-290	SC290N	530-560	SC560N
285-310	SC310N	555-580	SC580N
295-320	SC320N	570-600	SC600N

Table 10 – Bush Strip RB (NBR)

range d _i in mm	product number
135-199	RB1670
135-199	RB0870
135-199	RB0470

Table 11 – Extra wide (300 mm wide) (NBR)

range d _i in mm	product number
601-699	LC600WN
700-799	LC700WN
800-899	LC800WN
900-999	LC900WN
1000-1099	LC1000WN
1100-1199	LC1100NW

Flexible rubber couplings for non-pressure sewerage and drainage

RECOMMENDATIONS FOR USERS

The products are intended to be applied in non-pressure sewerage and drainage. Hereby the following application conditions must be taken into account:

- NEN 2672 "Construction of in-house sewerage of unplasticized PVC";
- NEN 3213 "Sewerage in houses and residential areas. Design and construction - Requirements";
- NEN 3215 "Sewerage in houses and residential areas. Requirements and test methods";
- NPR 3216 "Sewerage in houses and residential areas. Design and construction";
- NPR 3218 "Non-pressure sewerage and drainage. Construction and maintenance";
- The processing guidelines of the producer.

Inspect at the time of delivery whether:

- the products are in accordance with the agreement;
- the mark and marking method are correct;
- the products show no visible defects as a result of e.g. transport.

If you should reject a product on the basis of the above, please contact:

- FLEX-SEAL Couplings Ltd.
- and, if necessary:
- Kiwa N.V.

Consult the installation instructions of the producer for the correct way of storage, transport and processing of the products.