

# Product Data Sheet

## Chemical Coupling CC



Reliable connections -  
worldwide!

### Product description:



Product Name	Chemical Coupling CC
Product Group	Industry
Product Code	CC
Sizes	65 – 620 mm
Rubber	EPDM / NBR, PTFE
Steel Quality	1.4301 / AISI 304 / V2A or 1.4404 / AISI 316 / V4A
Plastic Type	FEP
Pressure Rating	2.5 bar / 36.3 PSI
Vacuum	-0.3 bar
Shear load resistance	25 Nm per mm DN
Standards	EN 295-4, EN 681-1, EN 10088-2, EN 16397-1
Shore Resistance	60
Deflection	up to 140 mm: 8° 141 – 185 mm: 6° 186 – 290 mm: 5° 291 – 450 mm: 4° 451 – 600 mm: 3°
Temperature Range	EPDM: -40 to 120 °C NBR: -30 to 100 °C
UV Resistance	✓ for EPDM, PTFE and FEP ✗ for NBR
Oil / petrol Resistance	✗ for EPDM ✓ for PTFE, FEP and NBR
Fire Performance	Class F
Soil Suitability	✓
Flush-mounted Suitability	✓
Tensile Strength	✗

**Note:** All information is based on the current state of our technical experience at the time of preparation. If necessary, they must be adapted to any changes. We reserve the right to make technical changes. Our general terms and conditions of sale and delivery apply.

Product Code	Size Range (mm)	Mix/Max Pipe-OD (mm)	Torque (Nm)	max. difference between pipe-OD (mm)	Net Weight (kg)
CC065	50 – 65	50 – 60	6	6	0.4
CC075	60 – 75	60 – 70	6	6	0.5
CC085	70 – 85	70 – 80	6	6	0.4
CC095	80 – 95	80 – 90	6	6	0.5
CC115	100 – 115	100 – 110	6	6	0.8
CC120	105 – 120	105 – 120	6	6	0.7
CC125	110 – 125	110 – 115	6	6	0.8
CC137	122 – 137	122 – 132	6	6	0.7
CC150	125 – 150	125 – 145	6	6	0.9
CC165	140 – 165	140 – 160	6	6	0.9
CC175	150 – 175	150 – 170	6	6	0.9
CC185	160 – 185	160 – 180	6	6	1.1
CC200	175 – 200	175 – 195	6	6	1.3
CC215	190 – 215	190 – 210	13	6	1.6
CC225	200 – 225	200 – 220	13	6	1.5
CC250	225 – 250	225 – 245	13	6	1.6
CC265	240 – 265	240 – 260	13	6	1.7
CC275	250 – 275	250 – 270	13	6	2.1
CC290	265 – 290	265 – 285	13	6	2.3
CC310	285 – 310	285 – 305	13	8	3.1
CC320	295 – 320	295 – 315	13	8	3.2
CC335	310 – 335	310 – 330	13	8	3.4
CC345	320 – 345	320 – 340	13	8	3.4
CC360	335 – 360	335 – 355	13	8	3.5
CC370	345 – 370	345 – 365	13	8	3.7
CC385	360 – 385	360 – 380	13	8	3.7
CC395	370 – 395	370 – 390	13	8	4.0
CC410	385 – 410	385 – 405	13	8	4.1
CC425	400 – 425	400 – 420	13	8	4.3
CC430	405 – 430	405 – 425	13	8	4.4
CC445	420 – 445	420 – 440	13	10	4.4
CC450	425 – 450	425 – 445	13	10	4.5
CC465	440 – 465	440 – 460	13	10	4.6
CC470	445 – 470	445 – 465	13	10	4.6
CC490	465 – 490	465 – 485	13	10	4.7
CC510	485 – 510	485 – 505	13	10	4.9
CC525	500 – 525	500 – 520	13	10	5.0
CC540	515 – 540	515 – 535	13	10	5.1
CC550	525 – 550	525 – 545	13	10	5.2
CC560	535 – 560	535 – 555	13	10	5.3
CC570	545 – 570	545 – 565	13	10	5.4
CC580	555 – 580	555 – 575	13	10	5.5
CC600	575 – 600	575 – 595	13	10	5.6
CC620	595 – 620	595 – 615	13	10	5.8

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