

Quick Connect 2 System

Chemical code system



The chemical code list includes all officially listed codes, that are assigned to a solid chemical.

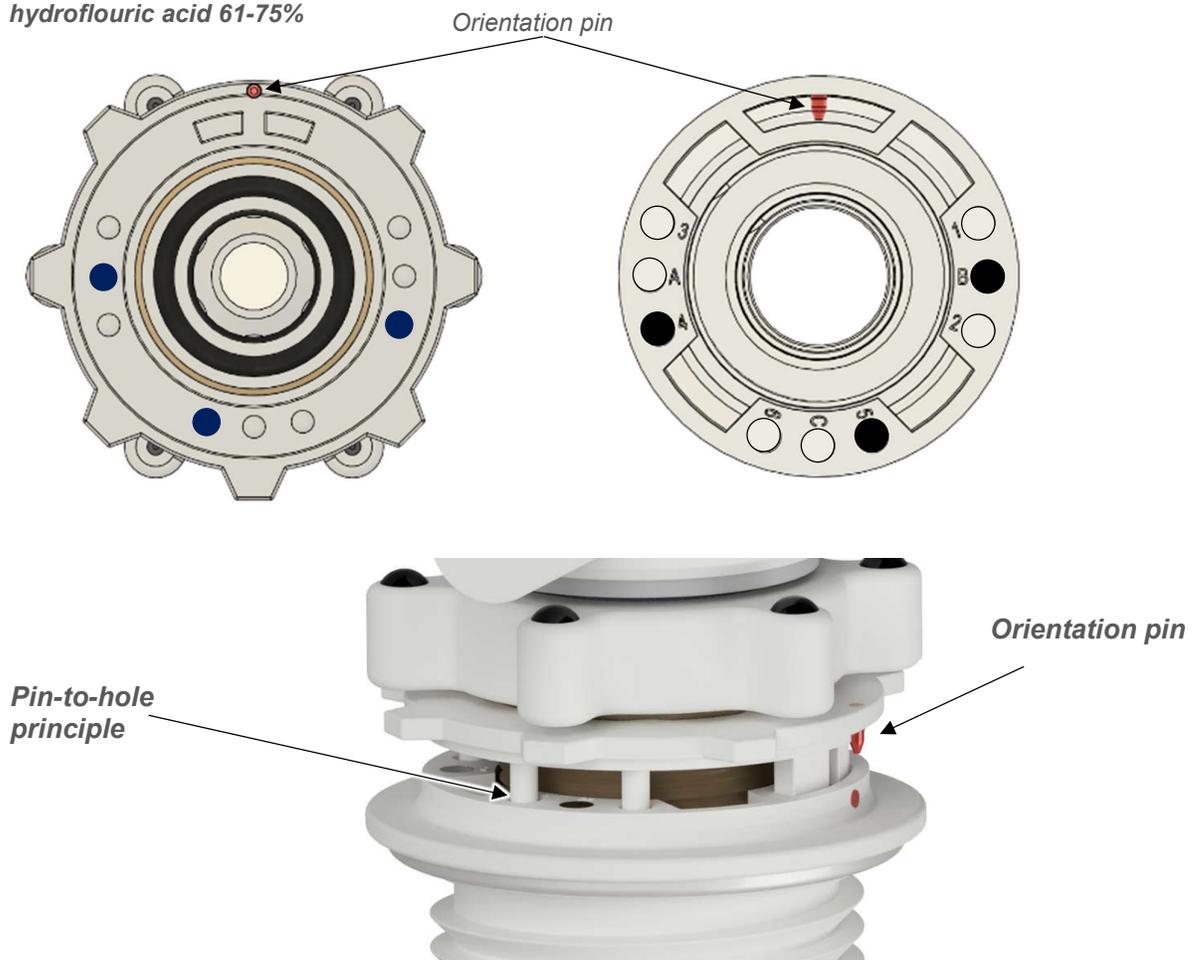
If your chemical is not listed, please use a free code from the list.

Attention: No code from the list may be used for any other chemical – risk of contamination!

The code is based on a pin-to-hole principle. The code disc on the dispense head has pins that fit into the hole pattern of the adapter on the dip tube. The holes on the adapter are blocked with pins according to the code, and the corresponding pins on the code disc of the dispense head are removed.

Therefore, the dispense head only fits dip tubes with the same code, which in turn is assigned to the chemical.

Example: Code 059, 45B
hydrofluoric acid 61-75%



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Code	Dip tube used pins	Code disk left sticks	Suitable gasket material*	Product
001	123	456ABC	1	Nitric acid
002	124	356ABC	1 / 3	sulfuric acid **
003	125	346ABC	1 / 2 / 3	Acetic acid
004	126	345ABC	1 / 2	Ammonia
005	134	256ABC	1 / 2	Ammonia flouride
006	135	246ABC	1 / 2	Hydrochloric acid
007	136	245ABC	1 / 2	Hydrogen peroxide
008	145	236ABC	1	Etching mixture SPE (HNO ₃ / H ₃ PO ₄ / CH ₃ COOH)
009	146	235ABC	1 / 2	Sodium hydroxide
010	156	234ABC	1 / 2	Phosphoric acid
011	234	156ABC	1 / 2	Hydroflouric acid < 20%
012	235	146ABC	1 / 2	Hydroflouric acid 20% - 60%
013	236	145ABC	1 / 2	Chrom-Etch
014	245	136ABC	1 / 2	BOE 1 (AF 500:1)
015	246	135ABC	1 / 2	BOE 2 (AF 9:1 und BOE 20:1)
016	256	134ABC	1	Etching mixture SPF (HNO ₃ / H ₃ PO ₄ / HF) und PESF (H ₃ PO ₄ / CH ₃ COOH / HNO ₃ / HF)
017	345	126ABC	1 / 2	Potassium hydroxide
018	346	125ABC	1 / 2	BOE 4 (AFW)
019	356	124ABC	1 / 2	TMAH 25% und Microposit MF CD 26
020	456	123ABC	1 / 2	Recirculation
021	12A	3456BC		Not assigned
022	12B	3456AC		Not assigned
023	1BC	23456A	1 / 2	NMP
024	1AC	23456B	1 / 2	2-Propanol
025	1AB	23456C	1 / 2	Potassium dichromate
026	2BC	13456A	1 / 2	Wright etch
027	2AC	13456B	1	Etching mixture SEF, (HNO ₃ / CH ₃ COOH / HF)
028	2AB	13456C	1 / 2	Etching mixture AWAp
029	5BC	12346A	1 / 2	TMAH 2,38% LST und Megaposit MF 26A
030	5AC	12346B	1 / 2	TMAH LST A
031	5AB	12346C	1 / 2	EBR 1
032	6BC	12345A	1 / 2	EBR 2
033	6AC	12345B	1 / 2	SOG
034	6AB	12345C	1 / 2	TMAH LST B
035	3BC	12456A	1 / 2	TMAH
036	3AC	12456B	1 / 2	NOE-Etch
037	3AB	12456C	1 / 2	Solvent NMP-AE
038	13C	2456AB	1 / 2	White Spirit
039	13A	2456BC	1 / 2	NMP/TMAH
040	13B	2456AC	1 / 2	IPA/Amin/DPGME
041	36C	1245AB	1	Etching mixture PWS (H ₃ PO ₄ / HNO ₃)
042	36A	1245BC	1 / 2	Solvent EG-APB
043	36B	1245AC		Ethylene glycol
044	4BC	12356A	1	Spin-Etch BT (20-30% HNO ₃ / 15-25%, H ₂ SO ₄ / 10-20% HF / 10-20% H ₃ PO ₄)
045	4AC	12356B	1	Spin-Etch D (35-45% HNO ₃ / 10-20% H ₂ SO ₄ / 1-7% HF / 15-25% H ₃ PO ₄)



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Code	Dip tube used pins	Code disk left sticks	Suitable gasket material*	Product
046	4AB	12356C	1 / 2	Spin-Etch E (5-10% HNO ₃ / 75-85% H ₂ SO ₄ /1-5% HF%)
047	56C	1234AB	1 / 2	Aluminum sulfate 2%
048	56A	1234BC		Not assigned
049	56B	1234AC		Not assigned
050	23B	1456AC		Not assigned
051	23C	1456AB		Not assigned
052	23A	1456BC		Not assigned
053	35B	1246AC		Not assigned
054	35C	1246AB		Not assigned
055	35A	1246BC		Not assigned
056	26B	1345AC		Not assigned
057	26C	1345AB		Not assigned
058	26A	1345BC		Not assigned
059	45B	1236AC	1 / 2	Hydroflouric acid 61% - 75%
060	45C	1236AB	1	Etching mixture SF (HNO ₃ / HF)
061	45A	1236BC	1 / 2	BOE 3 (AF LST)
062	46B	1235AC	1 / 2	BOE 5 (AFW LST)
063	46C	1235AB		Acetone
064	46A	1235BC	1 / 2	Choline
065	25B	1346AC	1 / 2	B-6 Positiv developer
066	25C	1346AB	1 / 2	PGMEA
067	25A	1346BC	1 / 2	hydroflouric acid/alcohol mixture
068	12C	3456AB	1 / 2	HMDS
069	14A	2356BC	1 / 2	Ammonia mit 1% EDTA
070	14B	2356AC	1 / 2	EKC 265
071	14C	2356AB	1 / 2	BOE 6 (AF 8:1)
072	15A	2346BC	1	SI-Polish-Etch I (36-38% HNO ₃ / 9-13%, H ₂ SO ₄ / 5-10% HF / 16-20% H ₃ PO ₄)
073	15B	2346BC	1	Etching mixture SLS (H ₂ SO ₄ /HNO ₃)
074	15C	2346AB		Not assigned
075	16A	2345BC		Not assigned
076	16B	2345AC		Not assigned
077	16C	2345AB		Not assigned
078	24A	1356BC		Not assigned
079	24B	1356AC		Not assigned
080	24C	1356AB		Not assigned
081	34A	1256BC		Not assigned
082	34B	1256AC		Not assigned
083	34C	1256AB		Not assigned
084	ABC	123456		Not assigned

As an additional option, coding with more than 3 pins is possible. Please contact us for more information!

*1: PE / 2: POE / 3: POE Typ 2

** s. [„Special case Sulfuric acid“](#)

Attention:

Immersion tubes for flammable liquids (highlighted in orange) and chemicals must be made of conductive material.

If code 020 (recirculation) is used for flammable liquids, the recirculation must also be electrically conductive.

