



# Center For Testmaterials

## **Substrates overview**

Please contact us for more information at [info@cftbv.nl](mailto:info@cftbv.nl).

EDITION 01/2022

# CFT TESTMATERIALS SUBSTRATES OVERVIEW

CFT - Circular stains					
Article Code	Description	Type	Substrate Code	Woven/ Knitted	Substrate
C-H....	All C-H stains	Circular Stain	CN-11 (w3x)	Woven	Cotton
KC-H.....	ALL KC-H stains	Circular Stain	CN-42 (w3x)	Knitted	Cotton
P-H....	ALL PH stains	Circular Stain	PN-01	Woven	Polyester
PC-H...	All PC-H stains	Circular Stain	PCN-01 (w3x)	Woven	Polyester/Cotton

CFT- Standardized testmaterials					
Article Code	Description	Type	Substrate Code	Woven/ Knitted	Substrate
KC-....	ALL KC, KC-BC, KC-S	Standardized Testmaterial	CN-42	Knitted	Cotton
N-....	ALL N-, N-BC-, N-S	Standardized Testmaterial	T-365	Woven	Nylon
PA-....	ALL PA-, PA-BC-, PA-S	Standardized Testmaterial	PAN-01	Woven	PolyAcryl
PC-01....	All PC, PC-S	Standardized Testmaterial	PCN-01	Woven	Polyester/Cotton
S-01....	ALL S, S-S	Standardized Testmaterial	T-601	Woven	Silk
W-01....	ALL W-, W-BC, W-S	Standardized Testmaterial	T-541	Woven	Wool

CFT- Standardized testmaterials					
Article Code	Description	Type	Substrate Code	Woven/ Knitted	Substrate
C-01	Mineral oil with carbon black, with thick. Agent	Standardized Testmaterial	CN-17	Woven	Cotton
C-01s	Mineral oil with carbon black	Standardized Testmaterial	CN-17	Woven	Cotton
C-02	Olive oil with carbon black	Standardized Testmaterial	T-400	Woven	Cotton
C-03	Chocolate milk with carbon black	Standardized Testmaterial	CN-11	Woven	Cotton
C-04	Olive oil with chlorophyll	Standardized Testmaterial	CN-11	Woven	Cotton
C-05	Blood, Milk, Ink (BMI)	Standardized Testmaterial	CN-11	Woven	Cotton
C-07	Motor oil with carbon black	Standardized Testmaterial	CN-17	Woven	Cotton
C-08	Pigment with oil (above 60°C)	Standardized Testmaterial	CN-11	Woven	Cotton
C-09	Pigment with oil (below 60°C)	Standardized Testmaterial	CN-11	Woven	Cotton
C-10	Pigment, Oil, Milk (POM)	Standardized Testmaterial	CN-11	Woven	Cotton
C-105	Blood, Milk, less Ink	Standardized Testmaterial	CN-11	Woven	Cotton
C-11	Milk with carbon black	Standardized Testmaterial	CN-17	Woven	Cotton
C-12	Pigment, oil, low milk content	Standardized Testmaterial	CN-11	Woven	Cotton
C-13	Soot with water solvable thickening agent	Standardized Testmaterial	CN-17	Woven	Cotton
C-BC-01	Tea for bleach (medium/high temperatures)	Standardized Testmaterial	CN-17	Woven	Cotton
C-BC-02	Coffee for bleach	Standardized Testmaterial	CN-17	Woven	Cotton
C-BC-03	Tea for bleach (low temperatures)	Standardized Testmaterial	CN-17	Woven	Cotton
C-BC-04	Curry for bleach	Standardized Testmaterial	CN-11	Woven	Cotton
C-BC-05	Red beet for bleach	Standardized Testmaterial	CN-17	Woven	Cotton
C-BC-06	Strawberry for bleach	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-01	Blood, aged	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-02	Cocoa, aged	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-03	Wine, aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-04	Saturated with coloured olive oil	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-05S	Mayonnaise with carbon black	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-06	Salad dressing with natural black	Standardized Testmaterial	T-400	Woven	Cotton
C-S-07	Grass, pure	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-08	Grass, extract	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-09	Egg yolk	Standardized Testmaterial	CN-01	Woven	Cotton
C-S-10	Butterfat with colourant	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-100	Chocolate rice pudding	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-101	Blood, slightly aged	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-102	Cocoa	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-103	Wine	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-108	Grass, not aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-11	Redcurrant juice, aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-112	Blackcurrant juice	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-115	Bl(blue)berry juice, not aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-116	Lipstick, diluted, pink	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-12	Blackcurrant juice, aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-120	Tomato, double application	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-126	Corn starch, coloured, aged	Standardized Testmaterial	T-400	Woven	Cotton
C-S-127	Potato starch, coloured, aged	Standardized Testmaterial	T-400	Woven	Cotton
C-S-128	Rice starch, coloured, aged	Standardized Testmaterial	T-400	Woven	Cotton

CFT- Standardized testmaterials					
Article Code	Description	Type	Substrate Code	Woven/ Knitted	Substrate
C-S-129	Tapioca starch, coloured, aged	Standardized Testmaterial	T-400	Woven	Cotton
C-S-13	Apple juice, aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-132	High discriminative sebum BEY with pigment	Standardized Testmaterial	T-400	Woven	Cotton
C-S-14	Cherry juice, aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-144	Chocolate drink, pure, not aged	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-145	Chocolate soy milk drink	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-147	Tea	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-15	Bil(blue)berry juice	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-154	Oatmeal, coloured with chocolate	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-16	Lipstick, pink	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-163s	Beef fat/lard, coloured with Sudan red, reduced dye level	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-17	Fluid make-up	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-170	Chocolate mousse, aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-18	Strawberry juice, aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-19	Peach juice, aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-20	Tomato	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-21	Blackberry juice, aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-216	Lipstick, diluted, red	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-22	Kiwi juice, aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-226	Corn starch, coloured, double soil load	Standardized Testmaterial	T-400	Woven	Cotton
C-S-227	Potato starch, coloured, double soil load	Standardized Testmaterial	T-400	Woven	Cotton
C-S-228	Rice starch, coloured, double soil load	Standardized Testmaterial	T-400	Woven	Cotton
C-S-229	Tapioca starch, coloured, double soil load	Standardized Testmaterial	T-400	Woven	Cotton
C-S-23	Mango juice, aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-24	Red pepper	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-25	Spinach concentrate	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-26	Corn starch, coloured	Standardized Testmaterial	T-400	Woven	Cotton
C-S-27	Potato starch, coloured	Standardized Testmaterial	T-400	Woven	Cotton
C-S-28	Rice starch, coloured	Standardized Testmaterial	T-400	Woven	Cotton
C-S-29	Tapioca starch, coloured	Standardized Testmaterial	T-400	Woven	Cotton
C-S-30	Sebum BEY, colourless	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-31	Ballast soil (mixture of 4 original IEC soils)	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-32	Sebum BEY with carbon black	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-33	Sebum TEFO with carbon black	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-34	Curry	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-35	Egg yolk, aged	Standardized Testmaterial	CN-01	Woven	Cotton
C-S-36	Egg yolk with carbon black	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-37	Full egg with carbon black	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-38	Egg yolk with carbon black, aged	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-39	Full egg with carbon black, aged	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-40	Yellow modelling clay	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-400	Curry, rice, milk	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-401	Bubble soap stain	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-406	Balsamic salad dressing	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-41	Black laboratory clay	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-42	Standard clay	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-428	Wild rice	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-43	Guar gum with carbon black	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-44	Chocolate drink, pure	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-45	Chocolate soy milk drink, aged	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-46	Frying fat, used	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-46B	Frying fat, used, coloured with violet dye	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-46C	Frying fat, burnt, with carbon black	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-47	Tea, aged	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-48	Tea with milk, aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-49	Coffee, black, aged	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-50	Coffee, black, espresso, aged	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-51	Coffee with milk, aged	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-52	Coffee with cream, aged	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-53	Pectate with carbon black	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-53B	Pectin with carbon black	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-54	Oatmeal, coloured with chocolate, aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-55	Orange juice, aged	Standardized Testmaterial	CN-17	Woven	Cotton

CFT- Standardized testmaterials					
Article Code	Description	Type	Substrate Code	Woven/ Knitted	Substrate
C-S-56	Coca Cola, aged	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-57	Red beet, aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-58	Soy sauce, aged	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-59	Asian food stain	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-60	Spaghetti sauce with beef	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-61	Beef fat, coloured with Sudan red	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-61B	Beef fat, coloured with violet dye	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-61X	Beef fat, coloured with safe food colourant	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-62	Lard, coloured with Sudan red	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-62B	Lard, coloured with violet dye	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-62X	Lard, coloured with safe food colourant	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-63s	Beef fat/lard, coloured with Sudan red	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-64	Beef fat with carbon black	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-65	Dirty Motor Oil (DMO)	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-66	Lanoline with carbon black	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-67	Mustard	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-68	Chocolate ice cream, aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-69	Chocolate pudding	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-70	Chocolate mousse	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-71	Strawberry ice cream	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-72	Forest fruit ice cream	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-73	Locustbeangum with pigment	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-74	Tobacco	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-75	Blood with beef fat	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-76	Household dust	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-77	Baby food carrot/potato	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-77B	Baby food banana/strawberry	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-78	Soybean oil with pigment	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-79	Tomato, Napolina	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-80	Grass/mud	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-81	Jam, forest fruit	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-82	Gravy from meat	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-83	Crema di balsamico, aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-85	Blood, sheep's, double application, aged	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-86	Oyster sauce	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-87	Chinese chili sauce	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-87s	Chinese garlic chili sauce	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-88	Indian curry	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-89	Chinese hot pot	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-89S	Chinese hot pot sateh	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-90	Soy sauce with starch	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-91	Minced meat	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-92	Vegetable fat with carbon black	Standardized Testmaterial	T-400	Woven	Cotton
C-S-192	Vegetable fat with food dye	Standardized Testmaterial	T-400	Woven	Cotton
C-S-93	Starch, coloured with food colourant	Standardized Testmaterial	T-400	Woven	Cotton
C-S-94	Sebum/dust, based on ASTM 4265-98	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-95	Collar stain	Standardized Testmaterial	CN-11	Woven	Cotton
C-S-96	Grape juice	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-97	Highly discriminative tea	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-98	Sebum JIS C9606	Standardized Testmaterial	CN-17	Woven	Cotton
C-S-99	Keratin	Standardized Testmaterial	CN-11	Woven	Cotton

CFT- Standardized testmaterials					
Article Code	Description	Type	Substrate Code	Woven/ Knitted	Substrate
JB-01 CFT	Mineral oil with carbon black, CFT version of Chinese Standard	Standardized Testmaterial	CN-17	Woven	Cotton
JB-02 CFT	Egg yolk, CFT version of Chinese Standard	Standardized Testmaterial	CN-17	Woven	Cotton
JB-03 CFT	Sebum with pigment, CFT version of Chinese	Standardized Testmaterial	CN-17	Woven	Cotton
JB-04 CFT	Soya oil with dye	Standardized Testmaterial	CN-17	Woven	Cotton