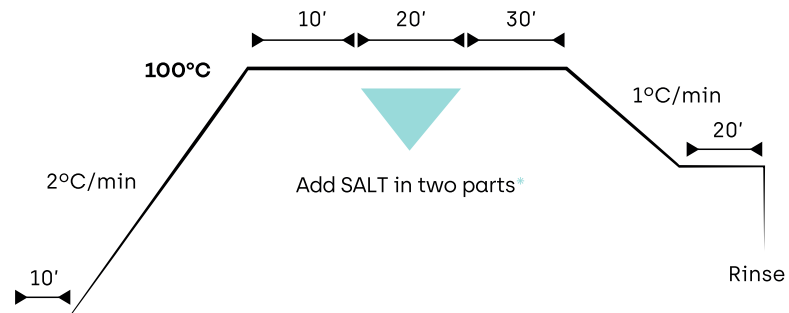


QUANTITY OF SALT REQUIRED gr/l

DYE CONCENTRATION	BLEACHED COTTON			MERCERIZED			VISCOSE		
	DYES GROUP 1								
L/R	10:1	15:1	20:1	10:1	15:1	20:1	10:1	15:1	20:1
< 0.5%	2.5	4.0	5.0	1.5	2.5	3.0	4.0	6.0	8.0
0.5 – 1.0%	5.0	7.5	10.0	2.5	3.8	5.0	5.0	7.5	10.0
1.0 – 2.0%	7.5	12.0	15.0	4.0	6.0	8.0	7.5	12.0	15.0
> 2 %	12.5	19.0	25.0	6.0	9.0	12.0	12.5	19.0	25.0
	DYES GROUP 2								
L/R	10:1	15:1	20:1	10:1	15:1	20:1	10:1	15:1	20:1
< 0.5%	5.0	7.5	10.0	2.5	3.8	5.0	7.5	12.0	15.0
0.5 – 1.0%	10.0	15.0	20.0	5.0	7.5	10.0	10.0	15.0	20.0
1.0 – 2.0%	15.0	22.5	30.0	7.5	12.0	15.0	15.0	22.5	30.0
> 2 %	25.0	38.0	40.0	12.5	19.0	25.0	20.0	30.0	40.0

With BLACK dyestuff, adjust liquor PH at 10.5-11.0 with soda ash.

DIRECOL DYEING Process



% DIRECOL
AMPLEX AS // COTEMOLL SP
COMPLEX 1646

* COTEMOLL SP for scouring and dyeing in one step



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DIRECOL RANGE



Developing chemistry
for the future



Dyestuff	Conc. %	Salt Group	SDC Classification	Solubility	Light Fastness ISO 105-B02	Washing Fastness 40°C	Rubbing Fastness	
							Dry	Wet
YELLOW TL	1,4	1	B	50	5	14	5	3
YELLOW RL 125%	1,2	1	B	90	7	4	5	4
ORANGE GL a.c.	1	1	B	100	5	4	5	3
SCARLET F2G	1,4	1	B	50	4	4	4	3
RED BWS	1,6	1	B	100	4	4	5	3
RED 6B conc.	2	1	B	100	2	4	5	3
RUBY BLN	1,6	1	B	70	6	4	5	3
VIOLET KK	2	1	A	80	3	4	4	3
BLUE 4BL 200%	1,4	1	B	80	6	4	5	3
TURQUOISE FBL 550	1,8	2	B	40	4-5	4	5	3
GREY CG	2,1	1	B	70	5	4	5	4
BLUE FL a.c.	1,4	1	B	70	6	4	5	3
BROWN GTL	2	2	B	70	4	4	4	3
BLACK CTN-V	3	2	C	10	3-4	2	4-5	2
BLACK CTN-V hc	3	2	C	10	3-4	2	4-5	2

The results are the result of our industrial and laboratory experience.

Dyestuff	Conc. %	DIRECOL RANGE Color Sample
YELLOW TL	1,4	
YELLOW RL 125%	1,2	
ORANGE GL a.c.	1	
SCARLET F2G	1,4	
RED BWS	1,6	
RED 6B conc.	2	
RUBY BLN	1,6	
VIOLET KK	2	
BLUE 4BL 200%	1,4	
TURQUOISE FBL 550	1,8	
GREY CG	2,1	
BLUE FL a.c.	1,4	
BROWN GTL	2	
BLACK CTN-V	3	
BLACK CTN-V hc	3	