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1712 Newport Circle – Suite F, Santa Ana, CA 92705-5118 usa

Dichroic Conversion Chart referencing gel colors

Accucolor	PN	Rosco	Permacolor (most similar)	Lee	Gam	Apollo	Abrisa
Terracotta	DF-A011	22	5900	022	290	7850	
Orange Spice	DF-A012	23	5600	778	315	7750	
Amber Sand	DF-A013	16		744+223	385+364	7500	
Salmon	DF-A014	318		108 (x2)	320	7550	
Pale Peach	DF-A016	17		776	324	7200	
Mandarin	DF-A017	21		021	350	7450	121
Whisper Blue	DF-B051	363		117	720	4830	
Heavens Blue	DF-B052	67		165	750	4600	
Triton	DF-B053	69	5400	141	740+710	4850 (x2)	
Cyan	DF-B054	92		332	685	5600	
Marine Blue	DF-B057	370	5700	115	690	4900	132
Sapphire	DF-B059	68	5100	132	835	4990	125
French Blue	DF-BB051	80	1080	79	845	4250	
Lagoon Blue	DF-BB052	374		353	725+525	4950	
Emerald	DF-G061	90	5055	090	655	5300	
Peacock	DF-G062	90+14	5156	090+013	570 (x2)	6500+5400	
Teal	DF-G064	395+389	4853	735	680 (x2)	5700	75
Clear Green	DF-G065	389	4959	139	666+570	5400	
Coral Reef	DF-P031	337		039	104	8700 (x2)	
Bordeaux	DF-P032	346	4630	328	110+104	8800	129
California Poppy	DF-P034	343		192+110	150	8730	
Rose	DF-P035	36		036	170	8500	
Whisper Pink	DF-P036	35		035	155	8550	
Mauve	DF-P037	333+51	1033	248+169	980+106	8680	
Lilac	DF-PR041	53+3208		053+203	920+885	4700+3300	
Amethyst	DF-PR043	356		344	940	3450	
Purple Haze	DF-PR044	58		58	950	3600	
Midnight	DF-PR045	382	4200	181	930	3800	
Dusk	DF-PR046	385	4600	199	925	4100	
Garnet	DF-R021	26	6100	026	245	8300	
Scarlet Dahlia	DF-R022	27	6500	027	250	8350	120
Blazing Ember	DF-R023	19		019	290	8100	
Lemon Peel	DF-Y001	312	5200	101	450	6500	122
Gold Dust	DF-Y002	14		104	410	6800	
Apricot	DFY003	15	5401	015	395	6900	



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<u>Color Separation</u>	Coating Specifications ±15nm commercial, +/-5nm premium
Blue Additive CS-BLUE	T= 50% @ 505nm, T(ave) > 75% from 390-480nm, T(ave) < 1% from 540-750nm. AOI= 0deg
Green Additive CS-GREEN	T= 50% @ 505 & 575nm, T(peak) > 70% T(ave) < 1% from 380-460nm & 600-730nm. AOI= 0deg
Red Additive CS-RED	T= 50% @ 585nm, T(ave) > 75% from 610-730nm, T(ave) < 1% from 380-550nm. AOI= 0deg
Yellow Subtractive CS-YELLOW	T= 50% @ 520nm, T(ave) > 85% from 550-750nm, T(ave) < 1% from 410-475nm. AOI= 0deg
Cyan Subtractive CS-CYAN	T= 50% @ 590nm, T(ave) > 80% from 400-550nm, T(ave) < 1% from 540-640nm. AOI= 0deg
Magenta Subtractive CS-MAGENTA	T= 50% @ 495nm & 605nm, T(ave)< 1% from 535-565nm, T(ave) > 80% from 380-475nm & 650-750nm. AOI= 0deg
Red Reflective CS-R-RED	T= 50% @ 580nm, T(ave) > 85% from 400-550nm, T(ave) < 1% 620-700nm, R(ave) > 90% 610-725nm. AOI= 45deg
Blue Reflective CS-R-BLUE	T= 45% @ 475nm, T(ave) > 85% from 525-800nm, T(ave) < 1% 400-440nm, R(ave) > 90% from 380-450nm. AOI= 45deg
Green Reflective CS-R-GREEN	R(ave) > 90% from 500-570, T(ave) > 80% from 380-460 and 600-730. AOI= 45deg
OTHER FILTERS (Custom specifications also available)	
COLD MIRROR –Visible	PN
R (ave) 93% 425-675nm, T(ave) 85% 750-1200nm. AOI= 45 deg	DF-CMV
Anti-Reflection	DF-AR
T (ave) 98% 425-675nm	
HOT MIRROR	DF-HM
T (ave) 85% 450-675nm, 75% (min) 450-675nm, 50% at 720nm +/-25nm. R (ave) >90% 750-1200nm. AOI= 0 deg	
UV Blocking	DF-UVB
T <1.0% from 325-390nm	
UV Transmitting	DF-UVT
T (ave) 50% 340-390nm, 80% 360-380nm, T (ave) < 2% 410-700nm. R (ave) >98% 410-700nm. AOI= 0 deg	
UNCOATED FILTERS	
Clear	PN
Frosted	DF-CLEAR
Prismatic	DF-FROSTED
Softening	DF-C73
Linear Spread	DF-CA16
	DF-SKYTEX