

## PRODUCT DESCRIPTION

Roscolux color filters, affixed in holders or color frames in front of the lens, change the color of light in architectural or theatrical fixtures.

## STANDARD COLORS

No.	Color	No.	Color	No.	Color	No.	Color
R00	Clear	R27	Medium Red	R4930	CC30 Lavender	R76	Light Green Blue
R01	Light Bastard Amber	R30	Light Salmon Pink	R4960	CC60 Lavender	R376	Bermuda Blue
R02	Bastard Amber	R31	Salmon Pink	R4990	CC90 Lavender	R77	Green Blue
R03	Dark Bastard Amber	R32	Medium Salmon Pink	R55	Lilac	R78	Trudy Blue
R04	Medium Bastard Amber	R332	Cherry Rose	R355	Pale Violet	R378	Alice Blue
R304	Pale Apricot	R33	No Color Pink	R56	Gypsy Lavender	R2007	Storaro Blue
R05	Rose Tint	R333	Blush Pink	R356	Middle Lavender	R79	Bright Blue
R305	Rose Gold	R34	Flesh Pink	R57	Lavender	R80	Primary Blue
R06	No Color Straw	R35	Light Pink	R357	Royal Lavender	R81	Urban Blue
R07	Pale Yellow	R36	Medium Pink	R58	Deep Lavender	R82	Surprise Blue
R08	Pale Gold	R4815	CC15 Pink	R358	Rose Indigo	R382	Congo Blue
R09	Pale Amber Gold	R4830	CC30 Pink	R2009	Storaro Violet	R83	Medium Blue
R4515	CC15 Yellow	R4860	CC60 Pink	R2008	Storaro Indigo	R383	Sapphire Blue
R4530	CC30 Yellow	R4890	CC90 Pink	R59	Indigo	R84	Zephyr Blue
R4560	CC60 Yellow	R336	Billington Pink	R359	Medium Violet	R85	Deep Blue
R4590	CC90 Yellow	R37	Pale Rose Pink	R4215	CC15 Blue	R385	Royal Blue
R10	Medium Yellow	R337	True Pink	R4230	CC30 Blue	R86	Pea Green
R310	Daffodil	R4715	CC15 Magenta	R4260	CC60 Blue	R87	Pale Yellow Green
R11	Light Straw	R4730	CC30 Magenta	R4290	CC90 Blue	R4415	CC15 Green
R12	Straw	R4760	CC60 Magenta	R60	No Color Blue	R4430	CC30 Green
R312	Canary	R4790	CC90 Magenta	R360	Clearwater	R4460	CC60 Green
R2003	Storaro Yellow	R38	Light Rose	R61	Mist Blue	R4490	CC90 Green
R13	Straw Tint	R39	Skelton Exotic Sangria	R62	Booster Blue	R88	Light Green
R14	Medium Straw	R339	Broadway Pink	R362	Tipton Blue	R388	Gaslight Green
R15	Deep Straw	R40	Light Salmon	R63	Pale Blue	R89	Moss Green
R16	Light Amber	R41	Salmon	R363	Aquamarine	R389	Chroma Green
R316	Gallo Gold	R42	Deep Salmon	R64	Light Steel Blue	R2004	Storaro Green
R17	Light Flame	R342	Rose Pink	R364	Blue Bell	R90	Dark Yellow Green
R317	Apricot	R43	Deep Pink	R65	Daylight Blue	R91	Primary Green
R18	Flame	R343	Neon Pink	R365	Tharon Delft Blue	R92	Turquoise
R318	Mayan Sun	R44	Middle Rose	R66	Cool Blue	R93	Blue Green
R19	Fire	R344	Follies Pink	R67	Light Sky Blue	R94	Kelly Green
R20	Medium Amber	R45	Rose	R367	Slate Blue	R95	Medium Blue Green
R21	Golden Amber	R46	Magenta	R68	Sky Blue	R395	Teal Green
R321	Soft Golden Amber	R346	Tropical Magenta	R69	Brilliant Blue	R96	Lime
R2002	Storaro Orange	R47	Light Rose Purple	R70	Nile Blue	R97	Light Grey
R22	Deep Amber	R48	Rose Purple	R370	Italian Blue	R397	Pale Grey
R23	Orange	R49	Medium Purple	R71	Sea Blue	R98	Medium Grey
R4615	CC15 Red	R349	Fisher Fuchsia	R72	Azure Blue	R99	Chocolate
R4630	CC30 Red	R50	Mauve	R4315	CC15 Cyan		
R4660	CC60 Red	R51	Surprise Pink	R4330	CC30 Cyan		
R4690	CC90 Red	R52	Light Lavender	R4360	CC60 Cyan		
R24	Scarlet	R53	Pale Lavender	R4390	CC90 Cyan		
R25	Orange Red	R54	Special Lavender	R73	Peacock Blue		
R26	Light Red	R4915	CC15 Lavender	R74	Night Blue		

Rosco's premier range of color filters, Roscolux, is manufactured using a unique technology to insure the longest possible life under hot theatrical lights. Roscolux is the widest range of color filters used by lighting designers and theatres throughout the world.

Roscolux is comprised of two types of plastics, polycarbonate and polyester. Not all dyes and plastics are compatible; therefore Roscolux utilizes both plastics to achieve maximum performance. More than 70% of the Roscolux line is made from co-extruded polycarbonate plastic, the remainder of the filters is deep-dyed polyester.

### Polycarbonate:

Roscolux is produced using polycarbonate due to the superior heat qualities when compared to other plastics. Co-extruded polycarbonate is colored all the way through the plastic. Raw polycarbonate is mixed with dye pellets in a high pressure, high temperature extruder. The heat and pressure of the extrusion process thoroughly combines the clear plastic and the dye, resulting in a body colored plastic. To further insure the durability of the color, a very thin layer of clear polycarbonate is extruded on both sides of the colored film, trapping the color between and providing a protective barrier. By sealing the colored layer between the two thin layers of clear film, dye migration is minimized making the film extremely resistant to color fading, extending operating life and protecting from minor scratches and abrasions.

Roscolux utilizes a select form of flame retardant polycarbonate to meet the most stringent U.S. and international standards for fire safety.

### Polyester:

A portion of the Roscolux line is deep dyed polyester. Dyed polyester is equally superior to surface coated plastics. In our deep dyeing process, polyester film is subjected to a heated bath of dye for controlled periods of time. The film absorbs the dye into its surface, in some cases penetrating all the way through to the middle of the plastic. This again results in a more heat stable and long lasting filter.

## PRODUCT SPECIFICATIONS

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### POLYCARBONATE

**Thickness:**

3-5 mil thick (varies due to color saturation)

**Temperature:**

Melting point 220° C  
Softening point 160° C

**Dimensions:**

Sheets: 20" x 24" (50 x 61 cm)  
Rolls: 24" x 25' (61 cm x 7.62 m)

**Flame Retardant Standards:**

British Standard BS 3944 Part 1, German B1, French M1, and Italian C1.

### POLYESTER

**Thickness:**

1.42, 2.0, or 2.5 mil thick (varies due to color saturation)

**Temperature:**

Melting point 300° C  
Softening point 125° C

**Dimensions:**

Sheets: 20" x 24" (50 x 61 cm)  
Rolls: 24" x 25' (61 cm x 7.62 m)

## PRODUCT NUMBER/ORDERING INFORMATION

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Add 2024 to the end of the product number for sheets.

Add 2425 for 25' rolls.

Product number: **R + color number + size**

Example: R07, sheet: R072024

A swatchbook is available.

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