

Dichroic Filters & Colored Glass

Glass Fabrication



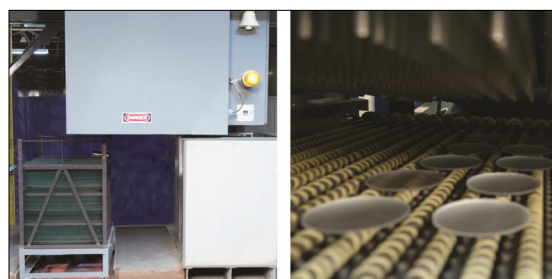
Coating Deposition



CNC Machining



Strengthening - Chemical & Heat



Screen Printing of Graphics



Abrisa Technologies, a member of HEF Photonics, is a globally recognized technology glass fabrication and optical thin film coating company with expertise in high volume manufacturing and engineering capabilities, delivering Total Solutions that provide excellent performance, fitness-for-use and economies of scale.

Our US based, state-of-the-art ISO 9001:2015 and ITAR registered facilities include Abrisa Industrial Glass in Santa Paula, CA and ZC&R Coatings for Optics in Torrance CA. These two divisions produce solutions from cut-to-order coated glass components to custom complex and ready-to-install fabricated, strengthened, optically coated, electronically enabled and branded sub-assemblies.

Our Total Solutions serve a variety of markets including Micro-Electronics, Defense and Avionics, Display, Industrial Automation, Optical Sensors, Imaging, Photonics, Medical & Dental, Life Science and more.



Abrisa Industrial Glass
200 South Hallock Drive
Santa Paula, CA 93060

ZC&R Coatings for Optics
1401 Abalone Avenue
Torrance, CA 90501

(877) 622-7472

www.abrisatechnologies.com
info@abrisatechnologies.com



Your Total Solution Partner

Dichroics Filters & Colored Glass

At Abrisa Technologies, we have over 160 different colors available. If the color required is not listed, specify by Rosco, Lee, or GAM.

- Long lasting filters good up to 900°F
- Dichroics are all 1.75mm (.069) thick unless noted, on Borofloat®

Dichroic Colors

	Similar to Rosco #
# 120 Red	26
# 121 Golden Amber	20
# 122 Yellow	12
# 123 Medium Green	389
# 125 Medium Blue	68
# 129 Blue Magenta	49
# 130 Indigo	59
# 131 Pink Amber	03
# 132 Cyan	73
# 133 Pink	36
# 134 Dark Blue	80
# 135 Flesh Pink	34
# 137 Deep Blue	85
# 138 Orange Red	25
# 142 Orange	23
# 143 Fire	22
# 144 Salmon	42
# 145 Pale Pink	34
# 146 Light Yellow Green	86
# 147 Medium Yellow Green	90
# 149 Pale Green	88
# 150 Aqua (Turquoise)	95
# 151 Straw Amber	15
# 153 Pink Peach	02
# Medium Dark Blue	69

Dichroic Color Correction Filters

- **#124 Cool Blue Color Corrector:** Boosts color temperature (3200°K-3500°K) Similar to Rosco #3208 (1/8" thick)
- **#126 Full Blue Color Corrector:** Boosts 3200°K-5500°K Similar to Rosco #3202 (1/8" thick)
- **#127 Cosmetic Peach Color Corrector:** Lowers color temperature (3000°K-2700°K) Similar to Rosco #3410 (1/8" thick)
- **#128 Medium Peach Color Corrector:** Lowers color temperature (5500°K-3800°K) Similar to Rosco #3408
- **#152 Full CTO Color Corrector:** Lowers color temperature ((5500°K-3200°K) Similar to Rosco #3407 Solid Colored Glass

Solid Colored Glass

- Can be heat treated up to 6" diameter for added heat resistance, 1/8" thick
- NOTE: Limited heat resistance. If high heat resistance, is needed, use Dichroics

Specialty Filters

Most available in a range of thicknesses

- **Hot Mirrors:** Reflects infrared (heat), while passing visible light 3 types available.
- **45° Cold Mirrors:** Reflects visible light while passing infrared (IR)
- **UV Blacklite:** Passes UV, blocks visible light
- **Neutral Density (ND) Grey Filters:** Reduces light, 31% & 62% transmissions

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