



# SILCOTEC

## HCR Color Dispersions

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### HCR Color Dispersions

SCT's HCR color dispersions are designed to colorize high consistency silicone rubber. Our dispersions are versatile as we offer a variety of base/gum carriers, color shades and effects. Aided by a computerized color database and an extensive pigment portfolio, we are capable of matching virtually any Pantone®, federal and RAL standard in addition to customer provided samples.

### General Description

- Excellent pigment dispersion
- Color-fast, light-fast pigments
- Heat stable
- Excellent weatherability
- Standard, Pantone®, RAL, custom colors
- Specialty pigments: metallic, UV/night glow, neon
- Carrier: gum, base, other
- Shelf life: 12 months (exceptions apply)

### Common HCR Color Dispersions (Standard Colors)

Color	HCR Color Dispersion
Black	S-Black 2001, S-Black 2005, S-Black 2006,
White	S-White 8002, S-White 8007
Red	S-Red 1008, S-Red 1017, S-Red 1022, S-Red 1047
Blue	S-Blue 4015, S-Blue 4017, S-Blue 4035, S-Blue 4037
Yellow	S-Yellow 3007, S-Yellow 3010, S-Yellow 3017
Green	S-Green 6005, S-Green 6029
Other	S-Orange 5005, S-Brown 7009, S-Brown 7011

### Advantages

- Quality: a series of quality checkpoints during the manufacturing process ensures excellent dispersion. This eliminates streaks, specks and other dispersion issues.
- Incorporation time: each color dispersion is carefully formulated to have an optimal balance between color intensity and overall consistency. This is important to minimize incorporation time and to avoid overloading the final compound with non-functional gums.
- Compounding: we are able to compound our pigments with other additives and modifiers into a single masterbatch for easy dispersion into the silicone compound.

### Regulatory

- HCR color dispersion compliant with FDA, REACH, RoHS and Cytotoxicity regulations are available. In addition, we provide dispersions free of heavy metals like Lead, Cadmium, and Mercury.