



➤ PRODUCT BULLETIN

Stan-Tone™ HC Plus Silicone Dispersions for Healthcare

Stan-Tone™ HC Plus Silicone Dispersions leverage silicone's biocompatibility, conformability, and durability for healthcare applications. These USP-compliant colorants are available in liquid silicone rubber (LSR) and high consistency silicone rubber (HCR) forms and can be customized for specific medical uses. By meeting stringent USP Class VI biocompatibility standards, Stan-Tone HC Plus offers pre-tested solutions that speed up development time, decrease risk, and satisfy healthcare industry material requirements.

Stan-Tone HC Plus can be engineered for indoor/outdoor lightfastness, chemical resistance, and heat stability, meeting industry regulatory standards. Standard and custom colors are available. These high-quality silicone dispersions excel in sterilization capabilities while maintaining low toxicity, making them ideal for medical applications.

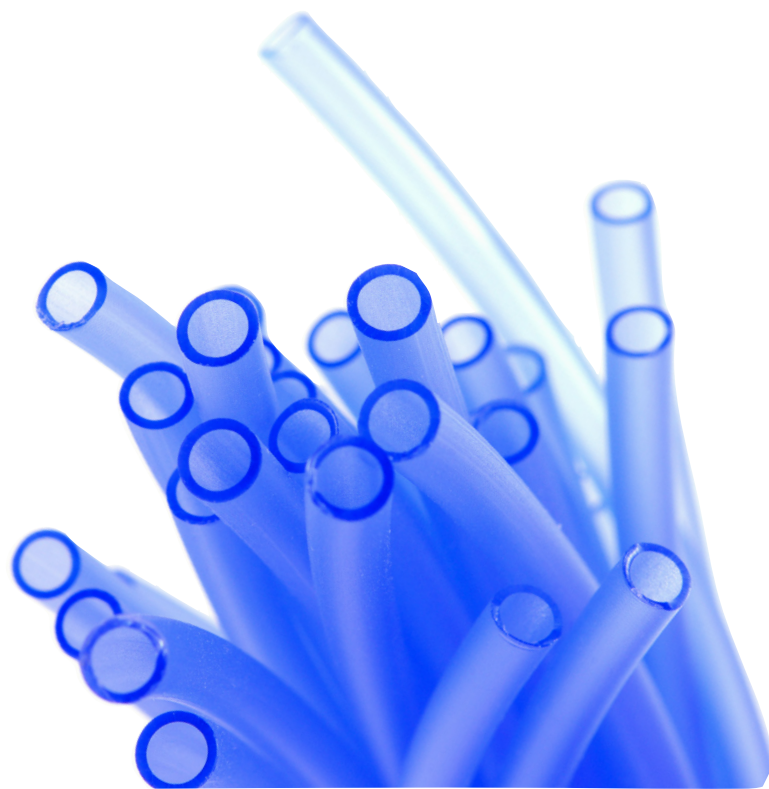
KEY CHARACTERISTICS

- Meets USP Class VI standards
- Biocompatible
- Provides lightfastness, chemical resistance, and heat stability
- Available in standard single pigment or custom multi-pigment colors
- LSR and HCR options available

TARGET APPLICATIONS

Stan-Tone HC Plus silicone dispersions are suitable for a variety of healthcare applications including:

- Catheters and medical tubing
- Medical and surgical equipment
- Labware and diagnostic devices
- Specialty medical devices and wearables



Product Code	Pigment Type	% Pigment (approx.)	Specific Gravity	Color Index	Heat Stability (F)	Light-fastness	Carrier
White							
HC Plus-35000	Titanium Dioxide	60	1.78	White 6	Above 400°	I/O	LSR
HC Plus-35100	Titanium Dioxide	75	2.31	White 6	Above 400°	I/O	HCR
Yellow							
HC Plus-35011	Benzimidazolone Yellow	10	1.01	Yellow 180	350°–400°	I/O (MASS)	LSR
HC Plus-35111	Benzimidazolone Yellow	24	1.49	Yellow 180	350°–400°	I/O (MASS)	HCR
Orange							
HC Plus-35020	Monoazo Orange	10	1.02	Orange 64	350°–400°	I/O	LSR
HC Plus-35120	Monoazo Orange	25	1.19	Orange 64	350°–400°	I/O	HCR
Red							
HC Plus-35032	Red Iron Oxide VYS	50	1.60	Red 101	Above 400°	I/O	LSR
HC Plus-35132	Red Iron Oxide VYS	70	2.17	Red 101	Above 400°	I/O	HCR
HC Plus-35031	Special Azoic	15	1.03	Red 187	350°–400°	I/O	LSR
HC Plus-35131	Special Azoic	33	1.33	Red 187	350°–400°	I/O	HCR
Blue							
HC Plus-35040	3 Phthalocyanine Blue GS	25	1.07	Blue 15	Above 400°	I/O	LSR
HC Plus-35140	3 Phthalocyanine Blue GS	40	1.42	Blue 15	Above 400°	I/O	HCR
HC Plus-35041	Ultramarine Blue	45	1.32	Blue 29	Above 400°	I/O	LSR
HC Plus-35141	Ultramarine Blue	60	1.51	Blue 29	Above 400°	I/O	HCR
Green							
HC Plus-35050	Phthalocyanine Green	25	1.13	Green 7	Above 400°	I/O	LSR
HC Plus-35150	Phthalocyanine Green	40	1.71	Green 7	Above 400°	I/O	HCR
Violet							
HC Plus-35033	Quinacridone Red	20	1.04	Violet 19	Above 400°	I/O	LSR
HC Plus-35130	Quinacridone Red	40	1.40	Violet 19	Above 400°	I/O	HCR
Brown							
HC Plus-35070	Yellow Inorganic - Cr/Sb/Ti Oxide	30	1.26	Brown 24	Above 400°	I/O	LSR
HC Plus-35170	Yellow Inorganic - Cr/Sb/Ti Oxide	60	1.79	Brown 24	Above 400°	I/O	HCR
Black							
HC Plus-35080	Carbon Black	12	1.03	Black 7	Above 400°	I/O	LSR
HC Plus-35180	Carbon Black	30	1.14	Black 7	Above 400°	I/O	HCR

PIGMENT KEY:

VYS = Very Yellow Shade
GS = Green Shade

LIGHTFASTNESS:

I/O = Indoor or outdoor
MASS = Outdoor masstone application only

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