







HALI INDUSTRIAL CO.,LTD.

NO.200,CHANGWU ROAD,WUJING AREA,CHANGZHOU,CHINA.

TEL: +86-519-83754668 FAX: +86-519-83754668

Thermochromic Pigment Catalogue:

Single Color to Colorless Series:			
Item	Color Temperature Arrange (10°C-65°C)	Particle Size (µm)	Color Show
HLY-310	Bright Yellow	1-10	
HLR-410	Red	1-10	
HLR-413	Rose Red	1-10	
HLO-510	Orange	1-10	
HLG-610	Grass green	1-10	
HLG-611	Dark green	1-10	
HLG-615	Malachite green	1-10	



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HLB-700	Black	1-10	
HLB-810	Sapphire blue	1-10	
HLB-812	Purple	1-10	
HLB-816	Skyblue	1-10	
HLB-817	Dark blue	1-10	
Double Color Change Series:			
Item	Color Temperature Arrange (10°C-65°C)	Particle Size (μm)	Color Show
HLR-4103	Red/Yellow	1-10	
HLR-4161	Red/Green	1-10	



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HLR-5103	Orange/Yellow	1-10	 <p>HLR-5103 color samples (orange to yellow) and powder. The powder is shown in a clear container with a lid. The color transition is from orange to yellow.</p>
HLR-6103	Green/Yellow	1-10	 <p>HLR-6103 color samples (green to yellow) and powder. The powder is shown in a clear container with a lid. The color transition is from green to yellow.</p>
HLR-6108	Green/Blue	1-10	 <p>HLR-6108 color samples (green to blue) and powder. The powder is shown in a clear container with a lid. The color transition is from green to blue.</p>
HLR-7002	Black/Purple	1-10	 <p>HLR-7002 color samples (black to purple) and powder. The powder is shown in a clear container with a lid. The color transition is from black to purple.</p>
HLR-7004	Black/Red	1-10	 <p>HLR-7004 color samples (black to red) and powder. The powder is shown in a clear container with a lid. The color transition is from black to red.</p>
HLR-7005	Black/Orange	1-10	 <p>HLR-7005 color samples (black to orange) and powder. The powder is shown in a clear container with a lid. The color transition is from black to orange.</p>
HLR-7006	Black/Grass green	1-10	
HLR-7008	Black/Blue	1-10	 <p>HLR 7008 color sample showing a black powder on a blue base.</p>
HLR-7014	Black/Deep red	1-10	 <p>HLR 7014 color sample showing a black powder on a deep red base.</p>
HLR-7016	Black/Malachite green	1-10	



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HLR-8103	Blue/Yellow	1-10	
HLR-8104	Blue/Red	1-10	
HLR-8105	Blue/Orange	1-10	
HLR-8124	Purple/Red	1-10	
HLR-8126	Purple/Green	1-10	
HLR-8128	Purple/Blue	1-10	
HLR-8176	Dark blue/Light blue	1-10	
3 Color Change Series:			
Item	Color Active Temperature (28°C-35°C)	Particle Size (µm)	Color Show



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9301	Yellow/Red/Dark red	1-10	 9301
9302	Purple/Red/Dark red	1-10	 9302
9303	Orange/Red/Dark red	1-10	 9303
9304	Orange/Red/Purple	1-10	 9304
9305	Pink/Rose red/Purple	1-10	 9305
9306	Apple green/ Green/Blue	1-10	 9306
9307	Black/Deep blue/Red	1-10	 9307



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9308	Brown/Blue/Rose red	1-10	 9308
9309	White/Blue/Black	1-10	 9309
9310	Red/Blue/Brown	1-10	 9310
9311	Pink/Blue/Brown	1-10	 9311
9312	Red/Yellow/Green	1-10	 9312
9313	Red/Brown/Pink	1-10	 9313
9314	Black/Green/ Apple green	1-10	 9314



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9315	Yellow/Red/Purple	1-10	 9315
9316	Yellow/Red/Dark blue	1-10	 9316
9317	Red/Orange/Rose red	1-10	 9317
9318	White/Blue/Purple	1-10	 9318
9319	Red/Orange/ Light orange	1-10	 9319
9320	Purple/Blue/Light pink	1-10	 9320
9321	Blue/Black/Pink	1-10	 9321



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9322	Blue/Purple/Skyblue	1-10	 9322
9323	Blue/Purple/Green	1-10	 9323
9324	Red/Orange/Yellow	1-10	 9324
9325	Pink/Rose red/Red	1-10	 9325
9326	Brown/Orange/Yellow	1-10	 9326
9327	Blue/Brown/Green	1-10	 9327
9328	Brown/Red/Rose red	1-10	 9328





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9329	Black/Orange/Yellow	1-10	 9329
9330	Black/Red/Purple	1-10	 9330
9331	Yellow/Green/Blue	1-10	 9331
9332	Black/Red/Pink	1-10	 9332

Colorless to Colored Series:

Item	Color Active Temperature (35°C)	Particle Size (µm)	Color Show
HLB-810F	Sapphire blue	1-10	
HLB-812F	Purple	1-10	



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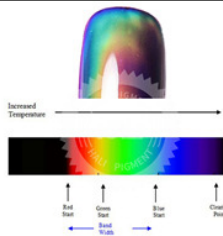
HLB-816F	Blue	1-10	
HLB-817F	Dark blue	1-10	
HLG-611F	Green	1-10	
HLG-615F	Peacock	1-10	
HLO-510F	Orange	1-10	
HLR-410F	Red	1-10	
HLR-413F	Rose red	1-10	



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HLR-416F	Pink	1-10	
Crystal Thermochromic liquid:			
HLC-0001	6 Colors Change	Liquid	
HLC-0002	12 Colors Change	Liquid	