



## Colors & Metallics W120C

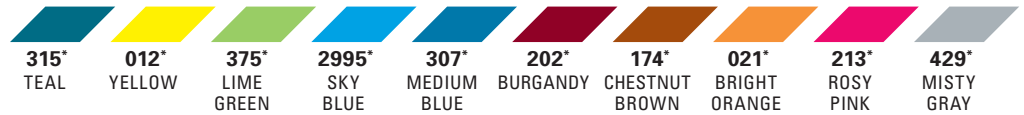
### General Purpose Color Wax

W120C produces spectacular bar codes in a variety of color options for general labeling applications. W120C prints high speed and high-resolution bar codes on a broad range of wax color ribbon applications.

**Standard Colors** Ship within 5 – 7 business days



**Specialty Colors** Ship within 2 – 3 weeks



## R316C

### Specialty Color Resin

R316C is the industry's best color resin ribbon for withstanding environmental temperatures of up to 220°C (428°F). R316C prints at remarkably low print energy settings while producing high quality heat resistant color bar codes.

**Standard Colors** Ship within 5 – 7 business days



**Specialty Colors** Ship within 2 – 3 weeks



**Metallic Colors** Ship within 2 – 3 weeks



## R510C

### Ultra Durable Color Resin

R510C is the industry's toughest color resin ribbon capable of handling extreme environmental labeling with DNP's unmatched scratch and solvent resistance.

**Standard Colors** Ship within 5 – 7 business days



**Metallic Colors** Ship within 2 – 3 weeks



PRODUCTS	
<b>WAX</b>	
W110	General Purpose Wax
W137	Premium Plus Wax
<b>WAX/RESIN</b>	
M250	Premium Plus Wax/Resin
<b>RESIN</b>	
R300	General Purpose Resin
R316	Specialty Resin
R340	Permanent Care Resin
R510	Ultra Durable Resin
<b>NEAR EDGE</b>	
W190	Near Edge Wax
M290	Near Edge Wax/Resin
R390	Near Edge Resin
<b>COLORS &amp; METALLICS</b>	
W120C	General Color Wax
R316C	Specialty Color Resin
R510C	Durable Color Resin

### Contact DNP

1.800.814.4672

www.dnpribbons.com

DNP offers custom color matching.

\*Numbers index approximate Pantone® Matching System.

**PERFORMANCE OF PRINTED IMAGE - W120C**

DESCRIPTION		TECHNICAL SPECIFICATIONS
Test Method		Crockmeter
Abrasion Resistance Test		45 cycles @ 900g covered with cloth*
Solvent Resistance Test	WATER	1000 cycles @ 248g covered with cloth*
	IPA	1000 cycles @ 248g covered with cloth*
	BRAKE FLUID	1000 cycles @ 248g covered with cloth*
Heat Resistance		<70°C (<158°F)
Print Speed Range		2 to 12 IPS

**PERFORMANCE OF PRINTED IMAGE - R316C**

DESCRIPTION		TECHNICAL SPECIFICATIONS
Test Method		Crockmeter
Abrasion Resistance Test		1000 cycles @ 900g covered with cloth*
Solvent Resistance Test	WATER	1000 cycles @ 248g covered with cloth*
	KEROSENE	200 cycles @ 248g covered with cloth*
	IPA	80 cycles @ 248g covered with cloth*
Heat Resistance		<220°C (<428°F)
Print Speed Range		2 to 6 IPS

**PERFORMANCE OF PRINTED IMAGE - R510C**

DESCRIPTION		TECHNICAL SPECIFICATIONS
Abrasion Resistance Test (TEST METHOD: Standardized Abrasion Test Wheel)		100 cycles @ 500g covered CS-10
Solvent Resistance Test (TEST METHOD: Crockmeter)	WATER	1000 cycles @ 248g covered with cloth*
	IPA	1000 cycles @ 248g covered with cloth*
	KEROSENE	400 cycles @ 248g covered with cloth*
	BRAKE FLUID	300 cycles @ 248g covered with cloth*
	GASOLINE	100 cycles @ 248g covered with cloth*
Heat Resistance		<180°C (<356°F)
Print Speed Range		2 to 6 IPS

**RIBBON STORAGE CONDITIONS**

Temperature	5°C to 35°C (41°F to 95°F)
Humidity	10% to 85% relative humidity
Light	Avoid direct sunlight

\*Highest number of cycles where ANSI grade A can still be scanned.

All information on data sheet generated at DNP laboratories worldwide. DNP reserves the right that measured values may vary slightly when tested under different environments. Information subject to revisions without notification.

Quality Systems  
ISO Registered



QUALITY SYSTEM  
REGISTERED TO  
ISO 9002



ISO 9002  
JISZ 9902



US Registration  
8224

**F-CM0601**

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