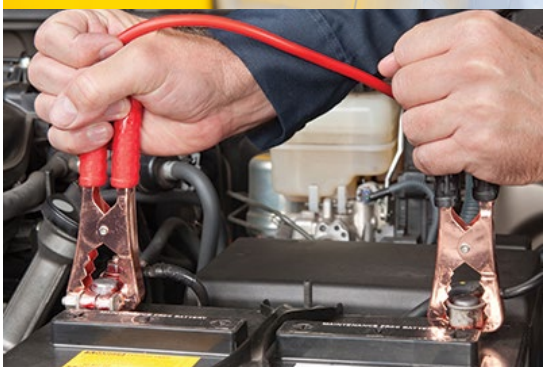
R300 General Purpose Resin









DNP Resin Ribbon Solves Car Manufacturer's Logistic Problems

A reseller on the west coast came to DNP with a major opportunity, which was at the same time a tall order. A large Japanese car manufacturer wanted to print thermal transfer labels to attach to SUV's at their US distribution center. These labels needed to contain many important pieces of information: the vehicle identification number (in both text and barcode form), additional features that the car was shipping with and the name of the dealership to which it was being delivered.

The label was a top-coated polypropylene and more suited for wax or wax/resin thermal transfer printing. However, the smudge and scratch resistance required by the end user was greater than most premium wax/resin thermal transfer ribbons available. Furthermore, portions of the label were flood-coated - a quick and easy visual check for differentiating various shipments, but often difficult to thermal transfer print. There was also a print speed requirement of 8 IPS – a reasonable speed with all other things being equal, but much more demanding considering the entire scope of the requirements for the application. The end user had tried many other competitor's ribbons, but without success.

The labels were forwarded to DNP, tested, and we quickly discovered that our R300 General Purpose Resin ribbon was an excellent choice for this application. One of the many advantages of R300 is its great label adaptability. This means that it is equally at home on flood-coated face stocks as it is on labels specifically designed for imprinting resin thermal transfer ribbons. Also, the print speed requirement was no problem; R300 has been shown to print ANSI Grade 'A' ladder barcodes at print speeds of 12 IPS. In addition, it provided the necessary durability mandated by the application.

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File: 05/24/16 JN

R300 Applications/Substrate

Reference Chart

SUBSTRATES	AGENCY UL RECOGNITION	AUTOMOTIVE	CSA RECOGNITION	ELECTRONIC COMPONENTS	EXTREME ENVIRONMENT	HAZARDOUS MATERIALS	HEALTHCARE	OUTDOOR	PRODUCT IDENTIFICATION & ASSET TRACKING	TEXTILE
Arjobex Polyart		●		●			●	●	●	●
Fasson 74554 BOPP TC							●	●		●
Fasson 74851 White BOPP							●			●
Fasson 72828 White Printable	●	●	●	●	●	●	●	●	●	
Fasson 72829/72988 Clear Printable	●	●		●	●	●	●	●	●	
Fasson 72967 Platinum Printable	●	●		●	●	●	●	●	●	
Fasson TransCode White 72197				●			●	●	●	●
Fasson 72825/73011 White TC	●	●	●	●	●	●	●	●	●	
Fasson 72826-73085 Chrome Matte TC	●	●		●	●	●	●	●	●	
FLEXcon THERMLfilm SELECT 31500 White M/TC-352							●	●		●
FLEXcon THERMLfilm SELECT 31800 White M/TC-387		●					●	●		●
FLEXcon THERMLfilm SELECT 21230/22230 White/Silver M/TC-329		●		●	●	●	●		●	
FLEXcon THERMLfilm SELECT 10852/21860 Clear/White TC-387		●		●	●	●	●	●	●	
FLEXcon THERMLfilm SELECT 21830/22830 White/Matte Silver TC-387		●		●	●	●	●	●	●	
FLEXcon THERMLfilm SELECT 21940/22940 White/Matte Silver TC-390	●	●		●	●	●	●	●	●	
Green Bay Packaging 30TT BOPP							●	●		●
Neenah Paper KIMDURA		●		●			●	●	●	●
MACtac Durascan P MT9007							●			●
MACtac Durascan PCL MT9008 Clear							●		●	
MACtac Durascan L TL2601							●	●		●
MACtac Durascan DSS9501				●			●	●	●	●
3M 7777 White Gloss							●	●		●
3M 7744 Clear Matte	●	●		●	●	●	●	●	●	
3M 7813 Silver Matte	●	●		●	●	●	●	●	●	
3M 7291 White Matte	●	●		●			●	●	●	●
3M 7815 White Matte	●	●		●	●	●	●	●	●	
3M 7816 White Gloss	●	●		●	●	●	●	●	●	
3M 7867 Bright Gold	●	●		●	●	●	●	●	●	
3M 7875 Platinum Gloss	●	●		●	●	●	●	●	●	
3M 7812 Matte White Kapton		●		●	●	●	●	●	●	
Valeron Strength Films Valeron		●		●			●	●	●	●

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