



datamax o'neil

Fantastock™ 2 White and Silver Polyester

PRODUCT DESCRIPTION

FanTastock 2 is a 2 Mil polyester top-coated silver matte chrome or glossy white polyester face stock and is one of Datamax-O'Neil Printer Supplies most durable polyester thermal transfer label stocks. It is recommended for the toughest applications, including serial number labels, outdoor applications, circuit board labeling, and many others. FanTastock 2 features excellent scratch and smear resistance. This material is UL recognized under UL (File PGJI2.MH17946) when combined with GreatRibbon™ SDR, SDR-A, SDR-D, and SDR-5+. Military Label Spec: MIL-PRF-61002B.

Facestock Physical Properties

	Imperial Value	Units	Metric Value	Units
Caliper ASTM D1000	0.0020	Inches	50.80	micron
Tensile: ASTM D882	MD 22,700	PSI	1,596	Kg/sq cm
	CD 29,800	PSI	2,095	Kg/sq cm

ADHESIVE

FanTastock 2 features an excellent general-purpose, industrial grade clear acrylic adhesive with high initial adhesion to most surfaces with exceptional adhesion for many low surface energy substrates, such as polystyrene, Teflon® Tedlar® and polyethylene. This adhesive exhibits excellent performance up to 300°F (149°C). This adhesive is safe for use when coming into contact with liquid oxygen and liquid nitrogen. The only reaction that will occur is the product will get very cold.

Adhesive Physical Properties

	Imperial Value	Units	Metric Value	Units
Type:	Emulsion acrylic			
Caliper: ASTM D1000	0.0008	Inches	20.32	Micron
Standard Coat. Wt.			26	g/sq m
Minimum Appl. Temp.	25°F		-4°C	
Service Temp Range:	-40°F to 300°F		-40°C 149°C	
Loop Tack Stainless Steel: PSTC11	59.2	Oz/inch	65.1	N/100 mm

USAGE

- 6.1 total construction caliper (total construction is UL recognized)
- Application Temperature: 25°F (-4°C)
- Service Temperature: -40°F to 300°F (-40°C to 149°C)
- Recommended Shelf Life: One year when stored at 72° F and 50% R.H.
- Expected Exterior Life: Two years
- FDA Compliance: Title 21, Section 175.105 of the Code of Federal Regulations (21 CFR 175.105)

Datamax-O'Neil
4501 Parkway Commerce Blvd.
Orlando, FL 32808
tel 407-578-8007
fax 407-578-8377
www.datamax-oneil.com

20100204 Fanta2whiteandsilverG10/G42



datamax·o'neil

APPLICATION NOTES

- For applications that require UL recognition
- Recommended for environments and the ultimate in label and image durability are required
- Remarkable scratch and smear resistance
- High temperature labeling up to 300°F (140°C)
- Superior moisture resistance
- Can be plastic laminated at temperatures up to 300°F (140°C)
- Asset labeling, serial number and identification labels, outdoor applications and jewelry labels
- Excellent resistance to oil, dirt, alcohol, blood and water

Recommended Thermal Transfer Ribbon: GreatRibbon SDR, SDR-A, SDR-D, and SDR-5+

® All registered trademarks are the property of their respective owners.

Fantastock™ and GreatRibbon™ are trademarks of Datamax-O'Neil Printer Supplies.

The above data represents product averages, allowing for industry-accepted variance. The products should be tested in the end-use conditions to insure that it meets the requirements of the specific application.