KEY FEATURES

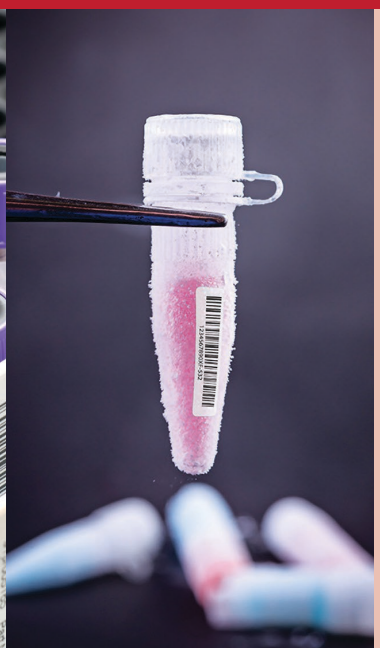
- Extreme low temperature adhesion performance: -320 °F (-196 °C)
- Conforms to curved and/or contoured surfaces
- Chemical resistant
- Thermal transfer and dot matrix printable
- Pen and marker writable
- REACH and RoHS compliant
- Labels should be applied to surface at room temperature

DURABLE LABELS FOR SCIENCE'S MOST IMPORTANT SAMPLES

We understand how important it is for research and medical facilities to reliably identify, track and protect valuable samples and specimens. Life changing science depends on it. That's why Polyonics® engineered a family of 5 mil (127 µm) durable nylon label materials specifically for use in cryogenic and laboratory applications.

Our label materials are available in two grades of nylon and pressure sensitive adhesives (PSA). The unique, nylon woven material is ideal for wrapping labels around small radiuses and curved surfaces. The labels provide excellent resistance to harsh chemicals, such as sodium hydroxide and mineral spirits, and are tested and approved by third party laboratories for use on glass tubes and slides, as well as with polypropylene tubes, vials, etc., for up to one hour of liquid nitrogen exposure to -320 °F (-196 °C). The durable surfaces can be printed via thermal transfer or dot matrix or by hand with a pen or marker.

POLYONICS®
Personal Chemistry



APPLICATIONS

- Laboratory ID and tracking labeling
- Cryogenic, freezer storage
- Plastic and glass surfaces
- Test tubes, slides, vials, etc.
- Metal plates
- Lightly textured surfaces

CRYOGENIC AND LABORATORY LABELS PRODUCT LINE

Film	Product	Finish	Adhesive	Temperature	UL 969 and CUL	UV Resistance per ASTM G154	Flexible for small radiuses	Ribbons		
								DNP R510 HF	Ricoh B110A	Limak SP330
5 mil (125 µm) Nylon	**XF-300**	Woven Cloth - White	2 mil (50 µm) Acrylic	*High Temperature:* 5 min at 356 °F (180 °C) 30 days at 230 °F (110 °C) *Cryogenic Storage:* 1 hr in liquid nitrogen at -320 °F (-196 °C) 30 days at -158 °F (-70 °C)		✓		✓	✓	✓
	XF-301	Woven Cloth - White	1 mil (25 µm) Acrylic		✓	✓	✓	✓	✓	✓
	XF-302	Woven Cloth - White	1 mil (25 µm) Acrylic			✓	✓	✓	✓	✓

For additional technical information, please contact us at **603.352.1415** or **info@polyonics.com**

July 2021

RoHS Compliant
SJ/T11364-2006 & EU202/95/EC 2003/11/EC 76/69/EEC

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