

LABORATORY IDENTIFICATION MATERIALS CHART

F Freezer environment
N Liquid nitrogen environment
A Autoclave environment
H Hot water (100°C) baths
S Self-laminating label
L Low-profile (extremely thin) label
R Removable

Brady Material Number	Application	Special Properties	Recommended for use in	TLS Ribbon	THT Ribbon Series	Temperature Range °C (°F)
PAPER						
B-424	Charts, slides, bottles and general laboratory identification	Permanent adhesive, Good contrast; write-on capabilities	F	■R4310	■ R4300	-70 to 70 (-94 to 158)
NYLON CLOTH						
B-499 ¹	Vials, tubes, slides, plates, bottles and general laboratory identification	Permanent adhesive; write-on capabilities	FNA	■R4310	■ R4300	-196 to 90 (-320 to 194) ●121 (250)
B-799	Vials, tubes, slides, plates, bottles and general laboratory identification	Permanent adhesive; write-on capabilities	FNA			-196 to 90 (-320 to 194) ●121 (250)
POLYESTER						
B-423	Plates, bottles and general laboratory identification	Permanent acrylic adhesive; ideal for flat surfaces	F A	■R6010 *R4410	■ R6000	-70 to 120 (-94 to 248)
B-430	Petri dishes, bottles and general laboratory identification	Permanent acrylic adhesive; ideal for flat surfaces; translucent	F A	■R6010 *R4410	■ R6000	-70 to 120 (-94 to 248)
B-461	Vials, tubes and slides	Permanent adhesive; suitable for liquid nitrogen application if label material is wrapped around itself, as in self-lamination; write-on capabilities	FNAHSL	■R4310	■ R4300	-70 to 100 (-94 to 212) ●121 (250) ◆-196 to 100 (-320 to 212)
B-488	Slides, plates, bottles and general laboratory identification	Permanent acrylic adhesive; ideal for flat surfaces; write-on capabilities; excellent solvent resistance	F A	■ R4310	■ R4300	-70 to 120 (-94 to 248)
B-709	Slides, plates, bottles and general laboratory identification	Removable from flat surfaces; write-on capabilities	F A	R		-70 to 267 (-94 to 130)
B-747	Electronic PCB component, bar code labels and equipment labeling	Excellent solvent and smudge resistance; high-resolution printing; available in white only	F A			-70 to 267 (-94 to 130)
POLYPROPYLENE						
B-449	Slides, plates, bottles and general laboratory identification	Removable from flat surfaces; write-on capabilities	F A	R	■ R4310 ■ R4300	-70 to 120 (-94 to 248)
VINYL						
B-351	Applications requiring evidence of tampering	Tamper-resistant film with a permanent acrylic adhesive; fractures easily to prevent removal	F	■ R6210	■ R6200	-70 to 100 (-94 to 212)
B-361	Vials, tubes and slides	Permanent adhesive; suitable for liquid nitrogen application if label material is wrapped around itself, as in self-lamination; write-on capabilities	FNAHSL			-70 to 100 (-94 to 212) ●121 (250) ◆-196 to 100 (-320 to 212)
B-427 ¹	Vials, tubes, slides, straws and bottles.	Permanent acrylic adhesive; self-laminating; write-on capabilities; suitable for liquid nitrogen application and can be used to ID a frozen vial if label material is wrapped around itself, as in self-lamination	FN S	■ R4310	■ R4300	-70 to 70 (-94 to 158) ◆-196 to 100 (-320 to 212)
VINYL CLOTH						
B-498	Slides, plates, bottles and general laboratory identification	Removable from flat surfaces; write-on capabilities	F	R	■ R4310 ■ R4300	-70 to 80 (-94 to 176)

■ Recommended ribbon for use with the material.

● Temperature range increases to 121°C (250°F) when used in autoclave process.

◆ Temperature range is -196°C to 100°C (-320°F to 212°F) if material is wrapped around itself as in self-lamination.

* Available in colors: Red, White and Blue.

¹ Not for use on glass in liquid nitrogen.