BRADY
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TECHNICAL DATA SHEET

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SafeKey Nylon Padlocks

Design

- Ultimate Key Precision - 6 tumbler blades with matching side-milled keys
- Advanced Key Security - 100,000+ key codes with patent-pending linear, low friction lock mechanism
- Smooth key operation reduces friction of inserting and removing key
- Non-conductive body and internal locking components
- Fast identification - color matched keys/locks
- Ribbed, single-piece body construction for added durability in industrial environments

Material

- Glass-reinforced nylon lock body
- Steel and optional polymer plastic shackle
- Available Colors:
  - Red
  - Yellow
  - Blue
  - Green
  - Black
  - Orange
  - White
  - Purple
  - Brown

Temperature Range

- Service Temperature: -26° to 121°C (-15° to 250°F)

Chemical Resistance

All approved chemicals listed are based on the manufacturers specified chemical resistance chart for plastic material only.

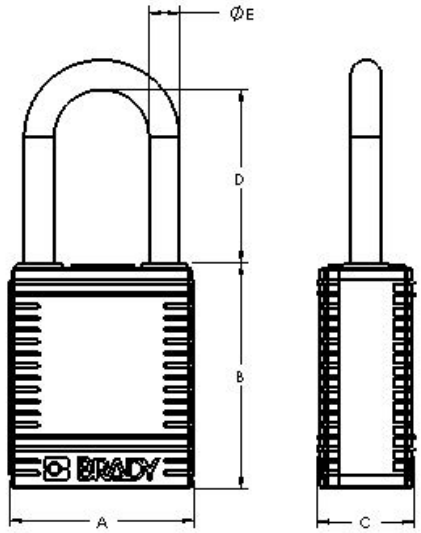
Dimensions

List dimensions with appropriate labels:

"A"	–	1.5 in [38mm]
"B"	–	1.8 in [46mm]
"C"	–	0.75 in [19mm]
"D"	–	1.5 in [38 mm] OR 3 in [76 mm]
"E"	–	Ø0.250in [Ø6.4 mm]



Chemical	°C	Chemical	°C
Acetone	25	Petroleum	25
Acetone	60	Turpentine oil	25
Chlorine, chlorine water	25	Turpentine substitute (white spirit)	25
Fuel, engine: Gasoline (normal & premium grade)	85	Trichloroethane 1,1,1	45
Lubrication oil: gear oil	< 120	Lubricating oil: HD engine oils, hydraulic oils, transformer oils	< 120
Fuel, engine: M15 mixture (15%) methanol)	70	Water (including seawater)	25
Methanol	25	Water (including seawater), chlorinated (<0,5 mg/l)	80



Warranty

Note: All values shown are averages and should not be used for specification purposes. Test data and test results contained in this document are for general information only and shall not be relied upon by Brady customers for designs and specifications, or be relied on as meeting specified performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact Brady for further information.
Product compliance information is based upon information provided by suppliers of the raw materials used by Brady to manufacture this product or based on results of testing using recognized analytical methods performed by a third party, independent laboratory. As such, Brady makes no independent representations or warranties expressed or implied, and assumes no liability in connection with the use of this information.

Catalog Numbers

1-½ in (38 mm) Plastic Shackle			
1 Padlock - Keyed Different	3 Padlocks - Keyed Alike	6 Padlocks - Keyed Alike	6 Padlocks - Keyed Different
NYL-BLK-38PL-KD	NYL-BLK-38PL-KA3PK	NYL-BLK-38PL-KA6PK	NYL-BLK-38PL-KD6PK
NYL-BLU-38PL-KD	NYL-BLU-38PL-KA3PK	NYL-BLU-38PL-KA6PK	NYL-BLU-38PL-KD6PK
NYL-BRN-38PL-KD	NYL-BRN-38PL-KA3PK	NYL-BRN-38PL-KA6PK	NYL-BRN-38PL-KD6PK
NYL-GRN-38PL-KD	NYL-GRN-38PL-KA3PK	NYL-GRN-38PL-KA6PK	NYL-GRN-38PL-KD6PK
NYL-ORG-38PL-KD	NYL-ORG-38PL-KA3PK	NYL-ORG-38PL-KA6PK	NYL-ORG-38PL-KD6PK
NYL-PRP-38PL-KD	NYL-PRP-38PL-KA3PK	NYL-PRP-38PL-KA6PK	NYL-PRP-38PL-KD6PK
NYL-RED-38PL-KD	NYL-RED-38PL-KA3PK	NYL-RED-38PL-KA6PK	NYL-RED-38PL-KD6PK
NYL-WHT-38PL-KD	NYL-WHT-38PL-KA3PK	NYL-WHT-38PL-KA6PK	NYL-WHT-38PL-KD6PK
NYL-YLW-38PL-KD	NYL-YLW-38PL-KA3PK	NYL-YLW-38PL-KA6PK	NYL-YLW-38PL-KD6PK

1-½ in (38 mm) Steel Shackle				3 in (76 mm) Steel Shackle
1 Padlock - Keyed Different	6 Padlocks - Keyed Different	3 Padlocks - Keyed Alike	6 Padlocks - Keyed Alike	1 Padlock - Keyed Different
NYL-BLK-38ST-KD	NYL-BLK-38ST-KD6PK	NYL-BLK-38ST-KA3PK	NYL-BLK-38ST-KA6PK	NYL-BLK-76ST-KD
NYL-BLU-38ST-KD	NYL-BLU-38ST-KD6PK	NYL-BLU-38ST-KA3PK	NYL-BLU-38ST-KA6PK	NYL-BLU-76ST-KD
NYL-BRN-38ST-KD	NYL-BRN-38ST-KD6PK	NYL-BRN-38ST-KA3PK	NYL-BRN-38ST-KA6PK	NYL-BRN-76ST-KD
NYL-GRN-38ST-KD	NYL-GRN-38ST-KD6PK	NYL-GRN-38ST-KA3PK	NYL-GRN-38ST-KA6PK	NYL-GRN-76ST-KD
NYL-ORG-38ST-KD	NYL-ORG-38ST-KD6PK	NYL-ORG-38ST-KA3PK	NYL-ORG-38ST-KA6PK	NYL-ORG-76ST-KD
NYL-PRP-38ST-KD	NYL-PRP-38ST-KD6PK	NYL-PRP-38ST-KA3PK	NYL-PRP-38ST-KA6PK	NYL-PRP-76ST-KD
NYL-RED-38ST-KD	NYL-RED-38ST-KD6PK	NYL-RED-38ST-KA3PK	NYL-RED-38ST-KA6PK	NYL-RED-76ST-KD
NYL-WHT-38ST-KD	NYL-WHT-38ST-KD6PK	NYL-WHT-38ST-KA3PK	NYL-WHT-38ST-KA6PK	NYL-WHT-76ST-KD
NYL-YLW-38ST-KD	NYL-YLW-38ST-KD6PK	NYL-YLW-38ST-KA3PK	NYL-YLW-38ST-KA6PK	NYL-YLW-76ST-KD

MSDS Information

1. **HAZARDS IDENTIFICATION**

This product is NOT DANGEROUS and contains no hazardous ingredients.

2. FIRST AID MEASURES/HEALTH INFORMATION /PROTECTION

Eye Contact:	Not applicable, product is inert
Ingestion:	Not applicable, first aid is not normally required.
Inhalation:	Not applicable
Skin Contact:	Not applicable, product is inert, except if product is melted use gloves. For hot melted product, immerse in or flush affected area with water to dissipate heat, and then obtain medical attention.
Exposure Limits:	None
Threshold Limits	None
Personal Protection:	None (ambient conditions)
NPCA-HMIS Rating:	Health: 0; Flammability: 1; Reactivity: 0
NFPA-704 Rating:	Health: 0; Flammability: 1; Reactivity: 0

3. FIRE-FIGHTING MEASURES

• Be cautious of hot melted Nylon	• Use water spray to cool fire, exposed surfaces, and to protect personnel
• Isolate product from fire	• Respiratory and eye protection is required for fire fighting personnel
• Extinguish fire with water spray	• Decomposition products under fire conditions: Oxygen-lean conditions may cause monoxide and irritating smoke

4. ACCIDENTAL RELEASE MEASURES

Land	Recover material and place in suitable container for reuse or for disposal in conformance with local regulations.
Water	Recover material and place in suitable container for reuse or for disposal in conformance with local regulations.

5. HANDLING AND STORAGE

5.1 Handling	5.2 Storage
No precautions noted - see local regulation if needed	Storage Pressure: Atmospheric
	Storage Temperature: Ambient, no direct sunlight

6. EXPOSURE CONTROLS/PERSONAL PROTECTION

6.1 Exposure Limit Values	6.2 Exposure Controls
None	6.2.1 Occupational Exposure Controls
	6.2.1.1 Respiratory Protection: Not applicable
	6.2.1.2 Hand Protection: Not applicable
	6.2.1.3 Eye Protection: Not applicable
	6.2.1.4 Skin Protection: Not applicable
	6.2.2 Environmental Exposure Controls: No data available

7. PHYSICAL AND CHEMICAL PROPERTIES

General Information	
Other Information	

8. STABILITY AND REACTIVITY

8.1 Conditions to Avoid
Higher Temperatures and direct sunlight (chemical resistance is excellent)

Highly stable, but temperatures over 480 F may cause degradation
8.2 Materials to Avoid
No data available
8.3 Hazardous Decomposition Products
Under fire and oxygen-lean conditions may cause monoxide and irritating smoke

9. ECOLOGICAL INFORMATION

9.1 Ecotoxicity	No data available
9.2 Mobility	No data available
9.3 Persistence and Degradability	No data available
9.4 Bioaccumulative Potential	No data available
9.5 Other Adverse Effects	No data available

10. DISPOSAL CONSIDERATIONS

None of the materials in this product are Recyclable, dispose of all materials in accordance with an applicable federal, state, and local law.

11. TRANSPORT INFORMATION

No data available

12. REGULATORY INFORMATION

This product has been tested and validated to the Regulatory Requirements listed below:	
• OSHA 29 CFR 1910.147 ©(4)(ii)(A)(1)/(c)(5)(ii)(C)(1)	• ANSI Standard Z244

13. OTHER INFORMATION

No data available