



WHEN PERFORMANCE MATTERS MOST™

Technical Data Sheet

Brady Ball Valve Lockout

TDS No. LOTO-23
Effective Date: 20-Nov-2012

Description:

Design
Easy to use, single piece design locks quarter-turn ball valves in the OFF position
Two sizes fit most valves up to 3" in diameter
Made from either powder-coated steel or super-tough nylon

Material
Polyamide: Nylon 6/6
Color: Pantone 1807
Steel
Powder Coat: Red

Temperature Range
Plastic: -20°F to 250°F (-30°C to 120°C)
Steel: -30°F to 350°F (-35°C to 175°C)
Powder Coat: -20°F to 200°F (-30°C to 93°C)

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

Dimensions

Plastic

A	-	3.7" [95mm]
B	-	3.1" [77mm]
C	-	1.1" [27mm]
D	-	2.25" (57mm)
E	-	0.31" (8mm)
F	-	0.29" (3.3mm)



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

Steel			
	Small	Large	
A	3.7"[95m]	6.12"[156mm]	6.12"[156mm]
E	3.1"[77m]	4.96"[126mm]	4.96"[126mm]
C	N/A	N/A	N/A
D	2.25"[57mm]	3.86"[98mm]	3.86"[98mm]
E	0.31"[8m]	0.65"[16.5mm]	0.65"[16.5mm]
F	0.38"[3.3mm]	0.29"[7.4mm]	0.38"[3.3mm]

Plastic Version

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.

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Details:

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 pr with water to dissipate heat, 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

<ul style="list-style-type: none">Be cautious of hot melted Nylon	<ul style="list-style-type: none">Use water spray to cool fire, exposed
<ul style="list-style-type: none">Isolate product from fire	<ul style="list-style-type: none">Respiratory and eye protection is req
<ul style="list-style-type: none">Extinguish fire with water spray	<ul style="list-style-type: none">Decomposition products under fire co 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 lc
Water	Recover material and place in suitable container for reuse or for disposal in conformance with lo

5. HANDLING AND STORAGE

5.1 Handling	5.2 Storage
No precautions noted-see local regulation if needed	Storage pressure: A
	Storage temperatur

6. EXPOSURE CONTROLS/PERSONAL PROTECTION

6.1 Exposure limit values	6.2 Exposure Controls
None	6.2.1 Occupational E
	6.2.1.1 Respi
	6.2.1.2 Hand
	6.2.1.3 Eye Pr
	6.2.1.4 Skin P
	6.2.2 Environmental I

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

Trademarks:

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