

Product ID: 17 | Category: PP

Fertilizer/Chemical Jerrican

Large-capacity HDPE jerrican, corrosion-resistant, high mechanical strength, safe for transport.

General Information

MATERIAL

HDPE (High-Density Polyethylene)

WEIGHT (5L)

200-300g

TEMPERATURE RANGE

-40°C to 120°C

CAPACITY

5L, 10L, 20L, 25L

COLOR

Blue, Clear

RECYCLING CODE

2 (HDPE)

UN CERTIFIED

Yes

HANDLE TYPE

Integrated Carry Handle

Available Specifications

Capacity	Available Colors	Price Range (USD)
5L	Blue, Clear	\$1.45 - \$1.50
10L	Blue, Clear	\$1.95 - \$2.00
20L	Blue, Clear	\$2.95 - \$3.00
25L	Blue, Clear	\$4.45 - \$4.50

Key Features

- ✓ UN certified for safe chemical transport
- ✓ Excellent chemical resistance to fertilizers and agrochemicals
- ✓ High impact strength for rugged use
- ✓ Integrated carry handle for easy pouring
- ✓ Leak-proof screw cap with gasket
- ✓ Stackable design saves space
- ✓ UV stabilized for outdoor storage

Applications

Ideal for fertilizers, pesticides, herbicides, liquid chemicals, industrial solvents, cleaning solutions, and automotive fluids. Suitable for agriculture, industrial, and commercial applications.

Technical Specifications

DENSITY

0.94-0.97 g/cm³

MELT FLOW INDEX

0.2-0.4 g/10 min

TENSILE STRENGTH

20-30 MPa

CHEMICAL RESISTANCE

Excellent

WALL THICKNESS

2.0-3.5mm

UV STABILIZATION

Yes (outdoor use)

Chemical Compatibility

Chemical Type	Compatibility	Notes
Fertilizers (liquid)	Excellent	All common types
Pesticides	Excellent	Most formulations
Herbicides	Excellent	Glyphosate, etc.
Acids (dilute)	Good	Up to 30% concentration
Bases (dilute)	Good	Up to 20% concentration
Oils & Lubricants	Excellent	Mineral and synthetic

Warning: Always verify chemical compatibility before use. Follow all safety regulations for chemical handling and storage.

Quality Standards & Certifications

UN Certified

ISO 9001:2015

Chemical Tested

REACH Compliant

RoHS Compliant

Safety Features

- ✓ UN marking for transport compliance
- ✓ Child-resistant caps available
- ✓ Tamper-evident seals
- ✓ Non-slip grip surfaces
- ✓ Pressure relief design
- ✓ Clear labeling areas

Storage & Handling

- ✓ Store in well-ventilated area
- ✓ Keep away from heat sources
- ✓ Stack no more than 3 high
- ✓ Use appropriate PPE
- ✓ Follow chemical safety protocols
- ✓ Store in chemical storage cabinets

Environmental Information

RECYCLABILITY

100% Recyclable

BPA CONTENT

BPA-Free

RECYCLING CODE

2 (HDPE)

REUSABILITY

Multiple use cycles