

BARELY FLAMMABLE BASALT FIBER CONTAINERS FOR TRANSPORTATION AND LONG-TERM STORAGE



Container for 120 mm caliber mines



Container for gunning from 122 mm caliber rocket weapon



Container for 152 mm caliber munition

Advantages

The proposed containers surpass the world analogs in physical, mechanical, and operational properties; have a relocatable load-carrying structure made of basalt fiber composite materials with thermal insulating layer. There are unlimited sources of raw material for the reinforcing components

IPR Protection

IPR2

Areas of Application

These containers can be used for storing cables, devices and control systems for fire-hazardous and explosive manufactures; munitions, explosive substances, and accoutrements

Specification

Service life, years	≥50
Combustibility (GOST 28157), category	ПВ-1
Biostability	Stable
Dust- and water protection	Stable
Cargo-handling loads	Stable
Air landing	Stable
Dropping from height 1.5 and 3.0 m:	Stable
Stockpiling	Stable
Corrosion-resistant coating of fittings	available

Stage of Development.

Suggestions for Commercialization

IRL3, TRL4

Manufacture of small batches.

Seeking partners for industrial production

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