



CARGO-MOVE®
—Flexible Container Bag



Flexible Container Bag is made of polypropylene and polyethylene after drawing, weaving, cutting, and sewing. It is non-toxic, tasteless, moisture-proof, dust-proof, acid and alkali-resistance, security firm, and user friendly, low-cost, high efficiency. It has capacity of 500-2000 kg, available for one-off or recyclable use. Its structure design is convenient to material filling, loading and unloading by machine, suitable for combined transportation.

Product type: square and round shape.

Application:

It is a common package for sea, railway, and road transportation for its convenience of loading and unloading, transportation, and storage. It has a wide application, especially for bulk material like cement, food, chemical raw material, feed, starch, mineral power, granules, and even dangerous goods like calcium carbide.

Technical index

Property	Tensile direction	Bag body fabric			Filling& discharging mouth
		<=1ton	<=2tons	<=3tons	
Tensile strength N/pc (Kgf/pc)	MD	>=1470(150)	>=1646(160)	>=1960(200)	>=828(84)
	CD	>=1470(150)	>=1646(160)	>=1960(200)	>=828(84)
Elongation (%)	MD	<=40%			
	CD				
Cold resistance		normal			
Heat resistance		normal			

Usage






Sling options:

There are two options: 2 slings and 4 slings.

PE inner bag to achieve the effect of anti-moisture

Tensile strength of sling N/loop(Kg/sling)	$F \geq W/N \times 6$	
Sling elongation rate (%)	Less than 25%	
Formula: F – Tensile strength, N/sling; (Kgf/sling); W – Max load N. (Kgf); n—sling quantity; loop connection is 2n; 6 – safety factor. Each sling has over 150000N tensile force.		

Categories:

1. General container bag



It is made of polypropylene and polyethylene. It is low-cost, high efficiency, suitable for combined transportation, widely used for packaging different products in fields of agricultural, mineral, ores, cement, granular.

2. Food packaging bags

It reaches the national food hygienic standard of packaging material of polypropylene, polyethylene, and can be widely used in the field of food, medicine industries.

3. Electro-Conductive container bag

It conducts the electricity through the wire set in the bag fabric and tapes and effectively remove the static electricity in the course of loading and unloading, prevents burning and explosion. It is mainly used for packaging dangerous goods like chemical, pharmaceutical products etc.

4. Breathable container bag

It is made of special-designed breathable fabric, especially suitable for the packaging of Agricultural and sideline products. It has been widely used in Egypt, Israel and many European countries.

5. Cubic container bag

It is a kind of bag in part-structure. It maintains the cube shape after filling goods in it. It can save more space than ordinary bag and reduce 30% freight cost.

6. Inside shaping bag

It is used after being sewn together with the outer bag, mainly for the packaging of food and high grade chemical products. It makes the loading full, faster and convenient. It is excellent in the function of moisture-proof, anti-pollution.





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Knowledge: The Evolution of Flexible Container Bag:

This kind of package was first brought into use in America, Europe, and Japan at late 1950's and early 1960's. The earliest flexible container bag is made of PVC and net fabric, which is high cost, mainly used to load cargo over 2 tons in rubber industry. With the rapid development of weaving technology and the success in PP weaving in some developed countries such as Britain, America, Canada and Japan, people began to take a wide use of PP weaving bags in many fields. Operators handle the cargo by crane and forklift with much less labor and time. It is suitable for the packaging and storage of powder, flake, and granula solid products. It is also cost efficient as no need pallet, while other packages needs. After being discharged, flexible container bag can be folded for next use, only takes a little space. The average weight of 1- ton-load bag is only 3.5-4.5 kgs. Above all, the flexible container bag is convenient and cost effective.

Contact us



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