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# HEAVY DUTY SHIPPING SACKS

## Durable Films for Large Format Bags

Designed to withstand the wear and tear of both the value chain and the elements, these polyethylene films are a go-to choice for protecting your products and your brand in large format applications. Our coextruded film designs incorporate the latest in polymer technology to increase toughness, seal strength, tear resistance and more to meet the rigorous needs of your application. Whether you're packaging mulch, fertilizer, sand, wood, concrete or something of the like - our dedicated team of technical engineers is prepared to help you find the best film to fit your needs.

## Features and Benefits

- PCR incorporation
- Opportunity to down gauge
- Standard COF: 0.20, but adjustable
- Good stiffness while maintaining high puncture resistance
- Lay flat width: 100 inches+
- Available in clear, white and more
- Films are run at multiple CNG locations



## Target Applications

- Mulch
- Fertilizer
- Sand
- Wood
- Concrete



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# PRODUCT SPECIFICATIONS



Spec #	Product Description	Thickness Available	Stiffness	Impact Resistance	Tear Resistance
<b>Large Format Bag Films</b>					
LFEP	LLDPE/HDPE coextrusion for large format bags with economical performance	2.0-7.0	Low	High	High
LFHP	LLDPE/HDPE coextrusion for large format bags with high performance	2.0-7.0	Med	Very High	Very High
GAR(Z)-LFEP-XX	A version of LFEP which incorporates XX% of FDA or (Non-FDA) PCR	2.0-7.0	Low	Med	High
GAR(Z)-LFHP-XX	A version of LFHP which incorporates XX% of FDA or (Non-FDA) PCR	2.0-7.0	Med	High	Very High
*Standard COF target 0.20. For fill weight, we typically recommend at least 4.0 mil if 20 lbs or more. Grades available in clear or white.					

Spec #	Product Description	Common Applications	Example Nomenclature
<b>Additive Considerations</b>			
U	UV inhibitor additives, typically added for bags exposed to sunlight for extended periods of time	Soil, Mulch, Fertilizer	LFEPU
AS	Anti-static additives, typically added for bags packaging dustier material	Stone, Cement, Sand	LFHPAS

Spec #	Product Description	Thickness Available
<b>Handle Reinforcement Film</b>		
5079	LLDPE coextrusion designed to be adhesive coated for bag handle reinforcement	12.0-15.0

Charter Next Generation is well-positioned from a technical and manufacturing perspective to support the large format bags market. Our portfolio of films is designed to perform on a wide variety of equipment and provide the requirements needed to meet and exceed product shelf-life expectations. These films are produced on new, state-of-the-art machines to produce the highest quality packaging materials. Contact us to learn more.