



Multi – Purpose High Density Polyethylene Cable Reel from Carris Reels

Carris Reels is a specialty packaging manufacturer supplying products to the wire and cable industry and others needing to package long continuous flexible items that can be wound and stored. Carris has been in business for 63 years and for the past 20 as an Employee Owned company. We operate in the NAFTA region with 11 manufacturing facilities employing over 650 employees. Our products are manufactured from multiple materials including plastic, lumber and plywood.



Product Description – The Multi – Purpose High Density Polyethylene Cable Reel is a manufactured specialty packaging item designed for the production, distribution and storage of wire and cable and other linear flexibly wound products. The plastic reel replaces wood structural panels with a material that is tougher and lighter, permitting greater re-use. The components are molded and extruded using #2 HDPE derived from post-consumer and post-industrial sources and can be subsequently recycled.

This product creates a new category of molded product made from recycled HDPE. The reel is able to withstand a much wider array of service use temperatures (Lower HIPS 0° vs. HDPE -20°C & Upper HIPS 60° vs HDPE 100°C) and survive a drop impact 2x greater than HIPS which it replaces.

HDPE reels use one third to one half the total labor necessary to manufacture and assemble vs traditional products manufactured using plywood / paper / metal bolt construction.

These designs have been awarded US Patent 8,640,981 - *Reels with corrugated flanges and undercuts*, which provide additional structural stiffness without sacrificing ductility.

Contact for additional information –

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Thank you for participating in the 2016 Showcase! Your commitment to plastics recycling is greatly appreciated!

Steve Alexander, APR Executive Director

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