

# MasterPak<sup>®</sup>

## Reel Sustainability, Real Savings

### Reel-less Solution for PowrServ<sup>®</sup> Low-Voltage Service Drop and Secondary Distribution Cables

The MasterPak<sup>®</sup> reel-less packaging concept, originally developed through strategic alliances and partnerships with our utility customers, was introduced in the mid 90s as a means of helping utilities with the growing concern of disposal and landfill costs. Nearly two decades later, this innovative method continues to allow General Cable's PowrServ insulated aluminum low-voltage cable to be packaged and shipped without the weight of traditional wood reels.

**Since 2003, MasterPak reel-less packaging has saved more than 12,183 trees and 37,647 cubic yards of unused landfill space while providing utilities with more than \$1,462,000 in savings!**



**SAVINGS • SUSTAINABILITY • SAFETY**

## Your Sustainability Partner

As a global leader in the wire and cable industry, General Cable recognizes its role and responsibility in promoting sustainability and creating shared value in our business decisions, focusing on what is good for us as a company, the environment and our valued customers.

We continually strive to reduce our environmental impact while supporting cost-effective sustainability and safety for our customers by incorporating responsible practices into our daily business and delivering innovative solutions.

Part of General Cable's comprehensive programs to reduce, reuse and recycle the materials required to manufacture and deliver our wire and cable products wherever possible, the **MasterPak** reel-less packaging solution for our PowrServ® service drop and secondary distribution cables is another example of our longstanding commitment.

This simple, innovative concept combats environmental degradation, conserves natural resources and maintains safe workplaces—all while extending real savings in material, transportation, storage and landfill costs to our longstanding utility customers.

# The MasterPak® Concept

The MasterPak coil of PowrServ cable is supplied using exact dimensions, tightly secured by a corrugated protector, sturdy plastic banding and covered by stretch-wrap, providing utilities with 360° smooth payoff of the cable from reusable plastic breakdown reels or domes.\* Both methods allow for simple and efficient dispensing of the cable for installation in the field. At approximately 150 pounds less than traditional product packaged on wood reels, MasterPak coils are also easy to handle.

*\* Plastic reels and domes are supplied by other manufacturers and are not products of General Cable. Please contact your local General Cable sales representatives for further details.*

## MasterPak®—The Green Choice

### FEATURES AND BENEFITS

Compared with the wood reel, MasterPak offers utilities several savings, sustainability and safety advantages:



**Long-term cost savings** by eliminating the cost associated with landfill disposal.



**Environmental sustainability** by saving thousands of trees and reducing landfill waste. Plastic reels can be reused up to 200 times and recycled at the end of their life.



**Minimized cable waste and material scrap** by eliminating collection, transportation and disposal costs of used wood reels. Cable remnants can be recovered for additional use or salvage.



**Reduced handling and storage** with durable MasterPak coils weighing approximately 150 pounds less than traditional product packaged on wood reels, maximizing freight capacity and offering the use of smaller vehicles for loading and unloading.

# MasterPak® Material Handling & Storage

Each MasterPak reel-less coil of General Cable's PowrServ cable is tightly secured by a corrugated liner, sturdy plastic banding and covered by stretch-wrap for improved protection during storage. MasterPak coils may be shipped either unstacked by flatbed truck or in a 3-coil pyramid configuration by enclosed tractor-trailer. MasterPak coils in the pyramid configuration may be unloaded three at a time using a fork truck attachment or similar method.

## Reusable Plastic Reel



1 Place the MasterPak coil in a rack.



2 Unscrew one of the flanges of the plastic reel.



3 Slide the plastic reel through the MasterPak coil opening.



4 Screw the reel flange back onto the drum of the reel.



5 Remove the plastic wrap, straps and corrugated liner from the coil.



## Plastic Dome

The placement of a MasterPak coil on a plastic dome is accomplished in 4 easy steps:

1. Place the MasterPak coil in a rack.
2. Slide the dome through the MasterPak coil opening.
3. Using a lifting eye, place the dome in an upright position onto a turntable.
4. Remove the plastic wrap, straps and corrugated liner from the coil.

The MasterPak® coil of cable is now ready for installation.

**Let's Do The Math!** You can **SAVE** when using MasterPak® annually!

By replacing **350** wood reels annually with MasterPaks, a utility customer can save more than **117** trees and **361** cubic yards of unused landfill space, while providing crews with ease of handling and saving more than **\$14,000** in annual disposal fees.\*

\*Estimated landfill space and average \$40 disposal cost provided by Sonoco.



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+

**361** CUBIC YARDS  
UNUSED LANDFILL SPACE

+

**SAVE**



**DISPOSAL FEES**

Contact your General Cable sales representative TODAY to learn how YOU can meet your sustainability goals with the MasterPak® reel-less packaging solution.





# General Cable's MasterPak® Reel-less Solution for PowrServ® Low-Voltage Service Drop and Secondary Distribution Cables

RECOMMENDED **MasterPak®** LENGTHS  
FOR TYPICAL, BUT NOT LIMITED TO, THE FOLLOWING CONSTRUCTIONS

CODE WORD	MAXIMUM PACKAGE SIZE 42" REUSABLE REEL OR DOME*			MAXIMUM PACKAGE SIZE 48" REUSABLE REEL**		
	LENGTH FEET	WEIGHT POUNDS	OUTER DIA. INCHES	LENGTH FEET	WEIGHT POUNDS	OUTER DIA. INCHES
<b>PowrServ® OH Duplex Service Drop Cable Neutral-Supported 600 V AI Conductor XLPE Insulation – ACSR Full-Size Neutral Messenger</b>						
Shepherd/XLP	14000	1078	40.0	19000	1463	45.3
Terrier/XLP	10000	1170	39.8	14000	1638	46.0
<b>PowrServ® OH Triplex Service Drop Cable Neutral-Supported 600 V AI Conductor XLPE Insulation – ACSR Full-Size Neutral Messenger</b>						
Periwinkle/XLP	5300	928	39.7	7550	1321	46.0
Conch/XLP	3300	878	39.9	4650	1237	46.0
Neritina/XLP	2000	850	40.0	2800	1190	46.0
Runcina/XLP	1700	898	40.0	2400	1267	46.0
Zuzara/XLP	1150	909	39.7	1650	1304	46.1
<b>PowrServ® OH Triplex Service Drop Cable Neutral-Supported 600 V AI Conductor XLPE Insulation – ACSR Reduced-Size Messenger</b>						
Cockle/XLP	3800	882	39.9	5350	1241	45.9
Janthina/XLP	2300	853	40.0	3200	1187	45.8
<b>PowrServ® OH Quadruplex Service Drop Cable Neutral-Supported 600 V AI Conductor XLPE Insulation – ACSR Full-Size Messenger</b>						
Palomino/XLP	2000	710	40.0	2750	976	45.7
Costena/XLP	1200	668	40.0	1650	919	45.7
Appaloosa/XLP	700	732	40.0	1000	1045	46.3
<b>PowrServ® XL Underground Distribution Cable Type USE-2 600 V Triplex AI Conductor XLPE Insulation UL Listed</b>						
Stephens/XLP/EYS	2850	755	40.0	4000	1060	46.0
Brenau/XLP/EYS	2000	790	40.0	2750	1086	45.9
Converse/XLP/EYS	1500	731	40.0	2000	974	45.3
Sweetbriar/XLP/EYS	1000	718	39.4	1450	1041	45.9
Monmouth/XLP/EYS	1000	805	39.4	1450	1167	45.9
Wesleyan/XLP/EYS	750	852	40.0	1050	1193	46.0
<b>PowrServ® XL Underground Distribution Cable Type USE-2 600 V Quadruplex AI Conductor XLPE Insulation UL Listed</b>						
Notre Dame/XLP/EYS	1150	633	39.7	1650	908	46.0
Wake Forest/XLP/EYS	600	596	39.5	850	844	45.5
<b>PowrServ® AR Underground Distribution Cable Type USE-2 600 V Triplex AI Conductor Composite XLPE/HDXLPE Insulation UL Listed</b>						
Brenau/AR/EYS	2000	812	40.3	2750	1117	45.9
Converse/AR/EYS	1500	749	40.3	2050	1023	45.8
Fisk/AR/EYS	1500	705	40.3	1900	890	46.0
Hollins/AR/EYS	1000	605	40.0	1500	910	45.0
Sweetbriar/AR/EYS	1000	732	39.4	1450	1061	45.9
Wesleyan/AR/EYS	750	866	40.1	1050	1213	46.0

\* Based on reusable reel or dome having a 42" flange, 28" traverse, 17.5" drum diameter (18.5" coil diameter, 26" coil traverse).

\*\*Based on reusable reel having a 48" flange, 28" traverse, 17.5" drum diameter (18.5" coil diameter, 26" coil traverse).



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