

Benefits of Polyethylene

Spill containment comes in a variety of forms but there are several things that make High Density Polyethylene (HDPE) the most effective, and why most Controlco secondary containment products are made from this material.

It's lightweight, yet incredibly strong

We know that industrial sites are often changing so having containment products that are easy to relocate when needed is very important. At the same time they need to be able stand up to the rough and tumble of everyday work and that's exactly what HDPE offers with its impact-resistant properties.



Long lasting and weather resistant

Steel framed bunds don't take long to rust, particularly if you are storing corrosive chemicals on them, which in turn makes them very vulnerable to failing. Containment systems made of 100% polyethylene will never rust or corrode, and their ability to stand up to harsh UV's ensure they are an asset to any user for years and years.



It handles almost any chemical

Chemicals are difficult to safely store and, in many cases, will aggressively attack steel, timber, PVC and other materials that might be used for secondary containment. Safe to say, HDPE will handle the widest range of all and provide you with the peace of mind, that in the event of a spill, the liquid is safely contained and safe from any threat to the environment.

For more specific details, download our chemical compatibility guide [here](#).

Easy to maintain

Because of its smooth finish, HDPE is very easy to clean. This is obviously an important factor in secondary containment, when the sump areas have liquid in them and need to be cleaned up. In instances where liquid has spilt into a clean bund, there is every chance it can be safely recovered and re-used, without any contamination that might otherwise be found on the likes of a concrete floor base.



It's completely recyclable

HDPE is accepted at recycling centres, as it is one of the easiest plastics polymers to recycle. Commonly, recycled HDPE is then shredded and melted down to refine the polymer, before being cooled into pallets. It can then be very efficiently re-used in manufacturing.



And finally, it's economical

Today, HDPE is the world's most widely used type of plastic, which in turn has made its secondary containment products, the most economical form of spill containment.

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