



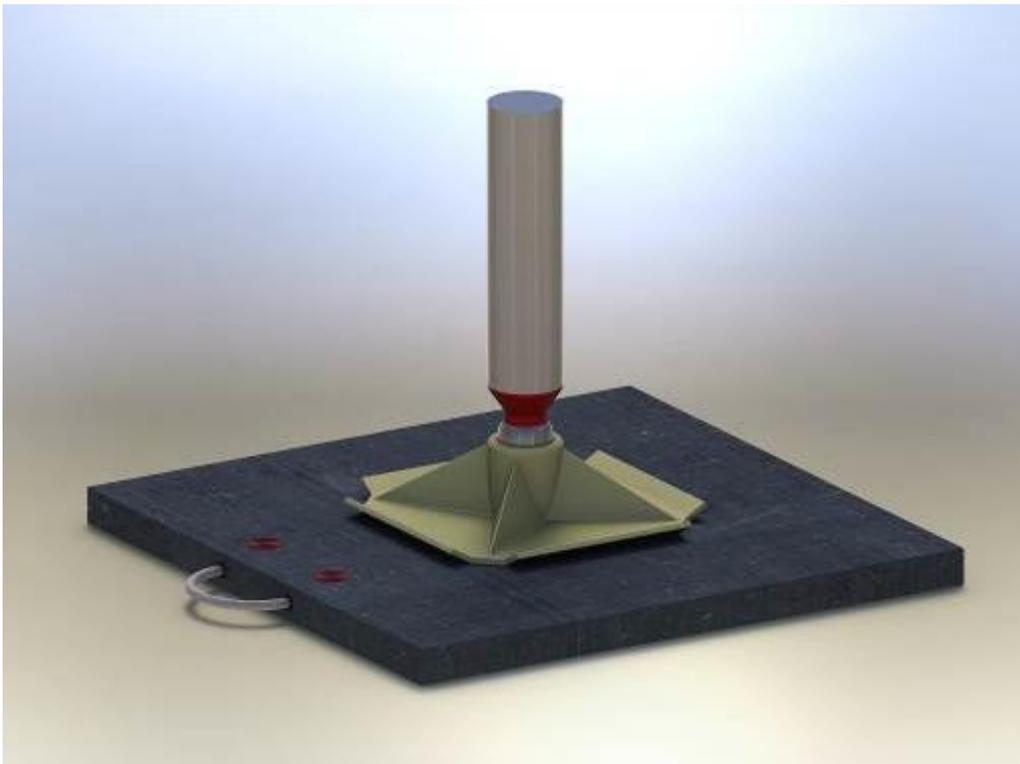
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Media Release – CUT TO SIZE PLASTICS – February 2016

Easily portable outrigger pads from Cut To Size Plastics offer safety, durability and cost advantages over diverse sites



Light, easily handled and virtually unbreakable outrigger pads that can withstand rated loads of more than 50 tons per point are engineered by Cut To Size plastics for applications including lifting, drilling and high stability jobs involving mobile equipment used throughout Australia over extensively varying site conditions.

The pads – weighing as little as 14-21kg for point loads of 40-60 tons – are custom-fabricated from the proven Wearex family in particular shapes required for ground

conditions encountered by truck cranes, rigger cranes, mobile cranes, auxiliary cranes mobile concrete pumps, manlifts, access equipment, mobile drill rigs and similar applications.

The Wearex family is particularly suitable for operation where safety and ergonomics are a major concern, including the transport, lifting and placement of pads and their ability to withstand extreme loads without permanent deformation.

“Compared with steel plates, they offer very high recovery during deformation – making them ready to use for a much longer period, because they are virtually indestructible, they are also highly cost-efficient,” says Mr Pat Flood, NSW Manager of Cut To Size Plastics,

Cut To Size designs and manufactures components for applications across Australasia from its Head Office in Sydney, where facilities include CNC machining facilities coupled with GibbsCAM™ and Solidworks™ software.

“The low weight of cast Wearex float pads makes them easier to handle during use and assembly. Ergonomic handles can be designed into their structure, or rope handles integrated into their construction.

“Wearex’s material elasticity makes them sturdy and secure even if there are smaller bumps and edges to contend with. The Wearex family can be completely recycled and is resistant against fuels, lubricants and chemicals and suitable for use in high temperature and high moisture applications.

“Our experience with Wearex extends over a huge range of environments for which it is suitable, ranging from marine facilities such as ports and oil and gas exploration, through to outback mining and civil engineering and on-site maintenance facilities where fuel and chemicals are an issue,” says Mr Flood.

Emergency use

“Wearex pads are exceptionally suitable for emergency and remote use, because they are easy to transport, even by air, and can be placed promptly and precisely to give a sure footing, prevent slippage and to prevent sinking into softer ground.’

Wearex can also be used to fabricate portable roads to provide access on unpaved services and to protect sensitive environments such as parklands, grasslands, recreation facilities and damage-prone areas on construction sites where vehicle and machinery access is required.

Mechanical properties of typical Wearex outrigger pads include:

| | | |
|----------------------------------|--------------------------------------|----------|
| Shore D hardness 15s – Value | (Skala D unit, DIN53505 test method) | 64-68 |
| Ultimate tensile strength | (N/mm ² , DIN53455) | 30 |
| Modulus of elasticity | (N/mm ² DIN 53457) | 900 |
| Application temperature | (Min and constant deg C) | -200/+80 |
| Dimensional stability under heat | (Deg C DIN53461) | 47 |
| Moisture absorption | (%) | < 0.01 |

Pads may be custom-manufactured from members of the Wearex family to achieve required performance characteristics.