

Product Description

Colorful PU Pro Competitive Bumper Plates for Weightlifting

Specifications

Diameter 450mm(IWF standard)
Matte outer surface
Finished with Raised Lettering
Collar opening 50.4mm
140mm hard chrome insert
Weight tolerance +/- 1% of claimed weight
Black 5 kg (22mm thick plate)
Green 10kg (40mm thick plate)
Yellow 15kg (46mm thick plate)
Blue 20kg (53mm thick plate)
Red 25kg (58mm thick plate)
Drop tested
competition standard

Features:

Made for Commercial environments
Large, easily identifiable weight numbers
Colour coded for easy identification
Plates are all the same diameter
Made from super tough PolyUrethane
Odourless - PU doesn't smell
PolyUrethane bounces back less than rubber
PU doesn't tear, mould or fall apart

Product Description



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WHY IS POLY URETHANE “PU” BETTER

Abrasion Resistant

Parts made of polyurethane will often outwear other materials when severe abrasion is a factor. It has been proven to be vastly superior to rubber plastics and metal in many applications.

Oil and Solvent Resistant

Polyurethane has excellent resistance to oils, solvents, fats, greases and gasoline.

Load Bearing Capacity

Polyurethane has a higher load-bearing capacity than any conventional rubber. Because of this characteristic, it is an ideal material for load wheels heavy duty couplings, metal-forming pads, shock pads, expansion joints and machine mounts.

Tear Resistant

Tear-strength ranges between 500-100 lbs/linear inch, which is far superior to rubbers. As a result, urethane is often used as drive belts, diaphragms, roll covers, cutting pads, gaskets and chute liners.

Weather Resistant

Polyurethane has outstanding resistance to oxygen, ozone, sunlight and general weather conditions.

Excellent Noise Abatement Properties

The hard urethanes are now being used as gears in products where engineers desire sound reduction. The soft urethane are is used to replace rubber for improved sound/vibration dampening.

Flex-Life

Most formulations offer extremely high flex-life and can be expected to outlast other elastomer materials where this feature is an important requirement. Dust boots, bellows, diaphragms, belts, couplings and similar products are made from urethane for this reason.

Heat and Cold Resistant

Continuous use above 225°F is not recommended nor is urethane recommended in hot water over 175°F. At low temperatures, polyurethane will remain flexible down to - 90°F. A gradual stiffening will occur at 0°F, but will not become pronounce until much lower temperature are obtained.



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