



**CUT TO SIZE
plastics**

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TECHNICAL DATA SHEET POLYURETHANE

Hardness, durometer value (ASTM D676-59T)	90A	95A	75D
Specific Gravity	1.1	1.14	1.2
Tensile Strength, psi (ASTM D412-61T)	5000	7000	8000
Elongation at break, % (ASTM D412-61T)	450	420	270
100% Modulus, psi (ASTM D412-61T)	1050	1800	4100
Compression set, %, Method B (ASTM D395)	30	37	-
Method A (ASTM D395)	10	9	9
Resilience, %, Yerzley (ASTM D945)	65-70	-	-
Rebound (Bashore), Impact resistance	-	39	48
Izod notched, ft. Lb./in. (ASTM D256)	Flexed	Flexed	51
Solenoid brittle temp., °F (ASTM D746-57T)	-	-	1.1
Abrasion index, NBS, % (ASTM D1630) National Bureau of Standards Abrader)	Below -90°	Below -90°	-85°
Tear strength split, pli. (ASTM D470)	175	375	435
	95	155	115

Application:

Roll covers	Gaskets	J-Hooks
Wheels - speed up, carry over	Springs	Flexible links
dolly, infeed, green chain cart	Cylinder cushions	Fork lift tires
Wheel covers	Shock pads	Bearing & bushing stock
Press rolls	Bumpers	Diverter arms
Bin and slurry liners	Abrasion and pump lining	Chain lugs

Disclaimer:

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For the most recent technical data and free application advice, please call Cut To Size Plastics on: (02) 9681 0400.