

AndurGel 00 50



AndurGel Versatility:

Hardness: +/- 5 00, 3A		
Ratio- A:B	Shore 00	Shore A
1.28:1	78 00	27A
1.16:1	75 00	22A
1.11:1	70 00	17A
1.06:1	65 00	12A
1:1	52 00	6A
0.97:1	45 00	4A
Curene 107	*****	70A

- Room temp cure
- Plasticizer free
- Wide hardness range
- Very soft system
- Could be used in energy-dampening applications such as insoles for footwear
- Could be good replacement for applications where silicone is used

Contact us for a Sample Today!

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Anderson Development Offers New Product:

AndurGel 00 50 is a new room temperature curable, plasticizer free system that can achieve a wide hardness range. It is a very soft system that is primarily designed for applications that need a durometer of less than 30 Shore A. At a 1:1 ratio, AndurGel 00 50 is approximately 50 Shore 00 which provides the inspiration for our product name. The chart to the left illustrates the ratio required for a durometer range of 45 00 (4A) to 78 00 (27A). The part A can also be cured with Curene 107 to achieve a 70A. As the amount of Part B increases, the elongation and split tear increase, but the rebound decreases. At the higher ratios, the material behaves more like an energy-dampening gel than an elastomer. This could be used in applications such as insoles for footwear where vibration and impact are a concern. Also, any applications where silicone is currently used could be a good fit. Part A can be cured with Part B-1 (1 minute potlife at room temperature) for applications requiring quick cure and demold, or Part B-10 (10 minute potlife at room temperature) for situations where hand-casting is needed. Contact us for technical data sheet or a sample today!