

## Hardwire 3x2 Cord

Category : Metal , Ferrous Metal , Carbon Steel , High Carbon Steel

### Material Notes:

The 3x2 Hardwire is a high carbon steel cord with a micro-fine brass or AO-brass (Adhesion Optimized) coating. The 3x2 wire cord is made by twisting 5 individual wire together - three straight filaments wrapped by 2 filaments (All filaments are 0.01378 in diameter) at a high twist angle. The result is an easy to handle cord that combines great engineering values with excellent economics. If the application is tension dominated choose the 3x2. Characteristics: Best properties in tensile applications. Excellent mix of engineering properties - Up to 8 KIPS/inch. Great stiffness, instant wet-ability, and excellent conformability. Works in all resins. Asymmetric shape acts like a screw and gives mechanical bonding characteristics. Excellent fatigue properties in tension and in high-flex situations. Great choice for extrusion and pultrusion applications. All information provided by Hardwire, LLC.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Hardwire-3x2-Cord.php](http://www.lookpolymers.com/polymer_Hardwire-3x2-Cord.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	3201 MPa	464300 psi	
Elongation at Break	2.1 %	2.1 %	Strain to Failure

## Contact Songhan Plastic Technology Co.,Ltd.

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