

D&C SUPPLY CO., INC.  
335 WASHINGTON AVENUE  
BRIDGEVILLE, PA. 15017  
(412)221-1191 FAX (412)-221-9206

*Manufacturers of*

## **FLEX-TEN® 406 ALFA-1 Stainless Steel Fibers**

### **General Composition Grade 406 Stainless**

<b>Carbon</b>	<b>Chromium</b>	<b>Mn.</b>	<b>Si</b>	<b>Al</b>	<b>Ti</b>
.025	13	.035	.30	3.0	.40

***Nominal Size: .016 x .033 x 1"(.25mm) or 3/4"(19mm)***

***Cross Section: Rectangular***

***Equivalent Diameter: .023 (+/-.002)***

***Aspect Ratio: 47 @ 1"***

***Tensile strength: Min. 85,000 up to 110,000 psi***

***Specific Gravity: 7.85***

***Density in lbs.per cu/in.: .29***

***Aprox Fibers Per Lb. @ 1"=15,000, 3/4"=22,000***

***Deformation Spacing: .125"on center continuous***

***Melting Range: 2600-2700 deg.F.***

***Oxidation Resistance: To 2300 deg.F.***

***Notes: Good resistance to corrosion, carburization, & sulfidation***

***Titanium enhances spalling resistance***

***Aluminum enhances oxidation resistance***

***Is Magnetic***

***Incorporates properties of grades 446,310,330 more economically.***

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All Steel Fibers are produced in the USA.

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