

## New Semi Metallic Material Announcement SM011

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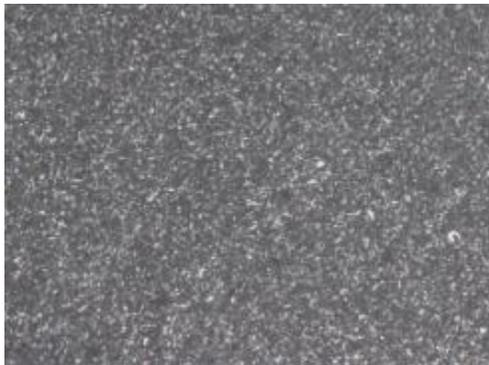
December 15, 2017

Dear Scan-Pac Customer,

Scan-Pac is pleased to announce the release of its new SM011 material to our library of industrial friction material product offerings. SM011 is an excellent semi-metallic material that can withstand higher constant heat than standard rigid molded materials. This material has a medium coefficient of friction at .46 normal and .42 hot.

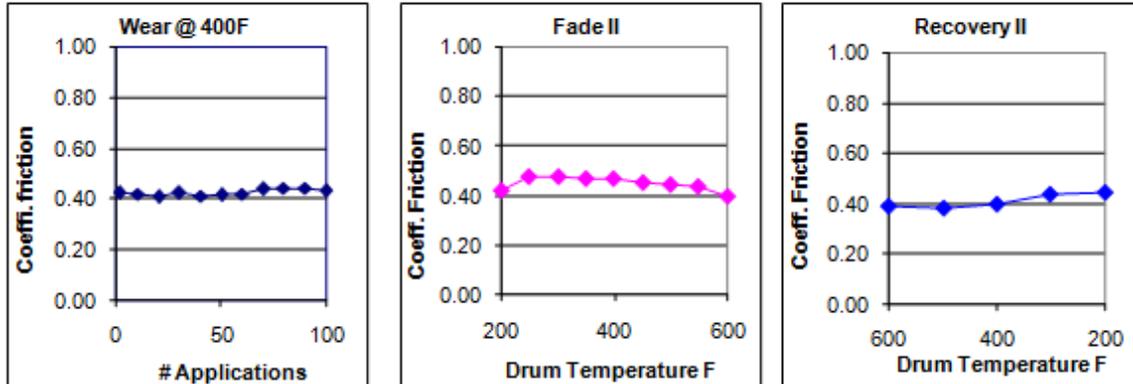
In addition to its exceptional heat resistance, SM011 features a low wear rate of .008 max (inch<sup>3</sup>/hp-hr) and smooth engagement on your industrial brake or clutch. SM011 is able to withstand constant heat in the 650°F range. This material was designed for use on high energy applications used in mining, construction, agricultural, and other high heat applications. Request a sample of SM011 today!

### PICTURE OF SM011 and APPLICATION PICTURE



Scan-Pac Manufacturing continues to be the industry leader in development of new friction materials for challenging applications. The company employs two PhD chemists who are devoted to designing the highest performing friction materials on the market. Next time you need a friction material, or when an off-the-shelf formulation does not meet your requirements, please give our R&D experts the opportunity to work with you.

## SAE J661A TEST CURVES



Scan-Pac Mfg. is a manufacturer of non-asbestos friction materials and phenolic laminates for use in a wide range of industrial and oilfield applications. The company has three manufacturing locations that include two facilities in Menomonee Falls, Wisconsin and one in Magnolia, Texas. Scan-Pac employs more than 100 individuals and has proudly been in business for more than 40 years.

Check out our newly updated website and download our Scan-Pac App using the links below, or find it on the App Store or Google Play.



Thanks and best regards,

Jeff Lichey  
VP, Sales & Marketing