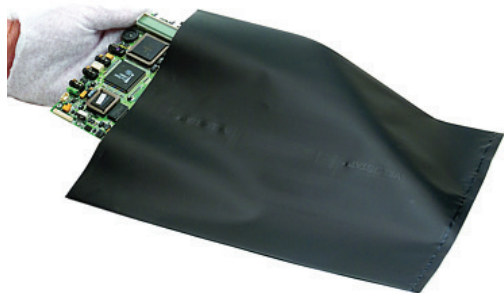


3M™ Conductive Film Products

3M™ Conductive Bag 2004

Conductive Bags 2004 are made of opaque, volume-conductive carbon impregnated polyolefin, and are heat-sealable. The bags are designed to dissipate a charge and should not become electrically charged through tribo electrification.



3M™ Conductive Drum Liner 2014

Conductive Drum Liners 2014 are designed to not hold a static charge when properly grounded, and are commonly used in the electronic or chemical industry as a waste container liner.



3M™ Conductive Film 1700

Conductive Film 1700 is opaque, volume-conductive, carbon-impregnated polyolefin, and is commonly used for material handling, shipping and storage in the electronic or chemical industries.



3M™ Conductive Tubing 1724

Conductive Tubing 1724 is made of opaque, volume conductive carbon-impregnated polyolefin, and is used to make bags and sleeves for specialized packaging or storage requirements. The tubing is heat-sealable and can be used on automated packaging lines.



Product Data Sheet

3M™ Conductive Film Products

Part Numbers and Sizes	Typical Value
3M™ Conductive Bags 2004	
Type	Conductive
Wall Thickness	4.0 mil (102 microns)
Standard Sizes	5 x 8 in. (12.7 x 20.3 cm) 6 x 10 in. (15.2 x 25.4 cm) 8 x 12 in. (20.3 x 30.5 cm) 10 x 12 in. (25.4 x 30.5 cm) 12 x 16 in. (30.5 x 40.6 cm) 15 x 18 in. (38.1 x 45.7 cm)
3M™ Conductive Drum Liners 2014	
Type	Conductive
Wall Thickness	4.0 mil (102 microns)
Standard Sizes	5 gallon 18 x 24 in. (45.7 x 61.0 cm) 20 gallon 24 x 36 in. (61.0 x 91.4 cm) 30 gallon 30 x 36 in. (76.2 x 91.4 cm) *55 gallon 38 x 58 in. (96.5 x 147.3 cm) * Available 50 per box
3M™ Conductive Film, Short Rolls 1704, 1706, 1708	
Type	Conductive
Film Thickness for 1704	4.0 mil (102 microns)
Film Thickness for 1706	6.0 mil (152.4 microns)
Film Thickness for 1708	8.0 mil (203.2 microns)
Standard Sizes	
Roll Length 150 ft. (45.7 m)	36 in. (91.4 cm) 54 in. (137.2 cm) 72 in. (182.9 cm)
3M™ Conductive Film, Long Rolls, 1764	
Type	Conductive
Film Thickness	4.0 mil (102 microns)
Standard Size	
Roll Length 1,500 ft. (457.2 m)	36 in. (91.4 cm)

Part Numbers and Sizes	Typical Value	
3M™ Conductive Tubing 1724		
Type	Lay Flat Conductive Tubing	
Film Thickness	4.0 mil (102 microns)	
Standard Sizes		
Roll Length 500 ft. (152.4)	5 in. W (12.7 cm) 12 in. W (30.5 cm)	
Specifications		
Property	Test Method	Typical Value
Thickness	ASTM D2103	4 mil (102 microns)
Strength		
Breaking Factor	ASTM D882	8 lbs./in.
Puncture	Fed Std 101	7 lbs.
Heat Seal Parameters		
Temperature		250°F
Time		3.0-5.0 sec.
Pressure		20-60 PSI
Vicat Softening Temperature	ASTM D1525	83°C
Electrical Properties		
Volume Resistivity	ASTM D991	<500 ohm-cm
Static Decay	EIA-541	<2 sec.
Chemical Susceptibility		
Dilute Acids and Alkalies	ASTM D543	Resistant
Alcohols (Isopropanol)		Resistant
Hydrocarbons (Acetone)		Moderate attack
Ketones (Acetone)		Slight attack
Gasoline		Moderate attack
Aromatic Hydrocarbons (Toluene)		Severe attack

*Physical characteristics will change with other thicknesses.



Product Data Sheet

3M™ Conductive Film Products

3M is a trademark of 3M Company.

Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.



Electronics Materials Solutions Division Static Control Products

926 JR Industrial Drive
Sanford, NC 27332-9733
Toll-Free: 866-722-3736
International: 919-718-0000
Email: 3mstaticinfo@mmm.com
www.3Mstatic.com

Printed in USA.
© 3M 2014. All rights reserved.
78-9102-1967-0 JHA

Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture for one year from the time of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.**



**Стандарт
Электрон
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331