



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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3M

PTFE Film Tape

5498

Technical Data

November, 2015

Product Description 3M™ PTFE Film Tape 5498 has a film backing with a non-silicone rubber adhesive.

Product Construction	Backing	Adhesive	Color	Standard Roll Length
	Extruded PTFE (polytetrafluoroethylene)	Rubber	Brown	72 yds. (65.8 m)

Typical Physical Properties **Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.**

		ASTM Test Method
Adhesion to Steel:	47 oz./in. width (51 N/100 mm)	D-3330
Tensile Strength at Break:	19 lbs./in. width (335 N/100 mm)	D-3759
Elongation at Break:	388%	D-3759
Backing Thickness:	2.2 mils (0.06 mm)	D-3652
Total Tape Thickness:	4.2 mils (0.11 mm)	D-3652
Temperature Use Range:	40 - 300°F (4 - 149°C)	

Features

- Withstands autoclave cycles for several hours at temperatures up to 350°F (177°C) and 400°F (204°C) exposure for shorter periods.
- Extruded PTFE film tape lies flatter than typical skived PTFE film tapes.

CAUTION: When PTFE film tape is exposed to temperatures above 600°F (316°C), small quantities of hazardous vapors may be released. INHALATION OF THESE VAPORS MAY BE HARMFUL OR MAY CAUSE RESPIRATORY TRACT IRRITATION. Do not heat or expose PTFE film tape to temperatures above 600°F (316°C).

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Application Ideas	<ul style="list-style-type: none">• Lining of composite bonding tool frames where there is concern of silicone contamination.• Masking and bundling of composite parts prior to bonding operations where there is concern of silicone contamination.
Storage	Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% relative humidity in the original packaging material.
Shelf Life	To obtain best performance, use this product within 18 months from date of manufacture.
Technical Information	The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.
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ISO 9002

This Industrial Adhesives and Tapes Division product was manufactured under a quality system registered to ISO 9001:2000 standards.



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