



# QMTS8.E476083 - POLYMERIC MATERIALS - FILAMENT-WOUND TUBING, INDUSTRIAL LAMINATES, VULCANIZED FIBER, AND MATERIALS FOR USE IN FABRICATING RECOGNIZED PRINTED WIRING BOARDS CERTIFIED FOR CANADA - COMPONENT

Polymeric Materials - Filament-wound Tubing, Industrial Laminates,  
Vulcanized Fiber, and Materials for Use in Fabricating Recognized  
Printed Wiring Boards Certified for Canada - Component

See General Information for Polymeric Materials - Filament-wound Tubing, Industrial Laminates, Vulcanized Fiber, and Materials for Use in Fabricating Recognized Printed Wiring Boards Certified for Canada - Component

**JIANGSU FIRST TECHNOLOGY DEVELOPMENT CO LTD**  
No 55 Yansheng RD Yanqiao Industrial Park Huishan District  
Wuxi, Jiangsu 214174 CHINA

E476083

**Industrial laminates:**

Mtl Dsg	ANSI Type	Color	Build up	Flame Class	R.T.I.		H				Meets 746E Non-HAL	Meets 746E DSR
			Min Thk (mm)		Elec (°C)	Mech (°C)	H W I	H A I	V T R	C T I		
<b>PTFE Industrial laminates.</b>												
<b>FSD-GX</b>	No ANSI	NC	0.14	V-0	-	-	-	-	-	-	-	-
			0.38	V-0	-	-	-	-	-	-	-	
			0.80	V-0	-	-	-	-	-	-	-	
			1.60	V-0	-	-	-	-	-	-	-	
<b>FSD-NX</b>	No ANSI	NC	0.15	V-0	-	-	-	-	-	-	-	-
			0.38	V-0	-	-	-	-	-	-	-	
			0.80	V-0	-	-	-	-	-	-	-	
			1.60	V-0	-	-	-	-	-	-	-	
<b>Industrial laminates, furnished as sheets or rolls.</b>												
<b>FSD-TX</b>	No ANSI	NC	0.15	V-0	-	-	-	-	-	-	-	-
			0.42	V-0	-	-	-	-	-	-	-	
			0.80	V-0	-	-	-	-	-	-	-	

			1.60	V-0	-	-	-	-	-	-	-	-
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**Ultrathin build ups:**

Build Up					Laminate			Prepreg		
Mtl Dsg	ANSI Type	Min Thk (mm)	TI Elec	TI Mech	Mtl Dsg	Thk (mic)	TI Elec	Mtl Dsg	Thk (mic)	TI Elec
<b>Ultrathin industrial laminates and bonding layers, furnished in sheet form, for use in multilayer printed wiring boards where the thickness is built up to the minimum specified.</b>										
FSD-TX	No ANSI	0.15	-	-	FSD-TX	50	-	FSD-PPX	50	-

**Metal clad industrial laminates (Flammability Only Recognition):**

Metal Clad Dsg	Lam- inate Dsg	Pre- preg Dsg	ANSI Type	Bld up Min Thk (mm)	Clad Ext (mic)	Cond Ext (mic)	Thk Int (mic)	Max Area Dia (mm)	Max Flame Class	Max Oper Temp (°C)	Solder Temp (°C)	Lts Time (sec)
<b>PTFE Metal clad industrial laminates for use in single layer printed wiring boards with copper on one or both sides (Flammability Only Recognition).</b>												
<b>FSD-GX</b>												
	FSD-GX	-	No ANSI	0.14	-	-	-	-	V-0	-	288	20
<b>FSD-NX</b>												
	FSD-NX	-	No ANSI	0.15	-	-	-	-	V-0	-	288	20
<b>Metal clad industrial laminates for use in multilayer printed wiring boards with copper on one or both sides (Flammability Only Recognition).</b>												
<b>FSD-TX</b>												
	FSD-TX	FSD-PPX	No ANSI	0.15	-	-	-	-	V-0	-	288	20
<b>Metal clad industrial laminates for use in single layer printed wiring boards with copper on one or both sides, furnished as sheets (Flammability Only Recognition).</b>												
<b>FSD-TX</b>												
	FSD-TX	-	No ANSI	0.15	-	-	-	-	V-0	-	288	20

-- will be replaced by three or four numerals.

X - will be replaced by numeral 0 to 9 or letter A to Z

Marking: Company name, model designation and the Recognized Component Mark for Canada,



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