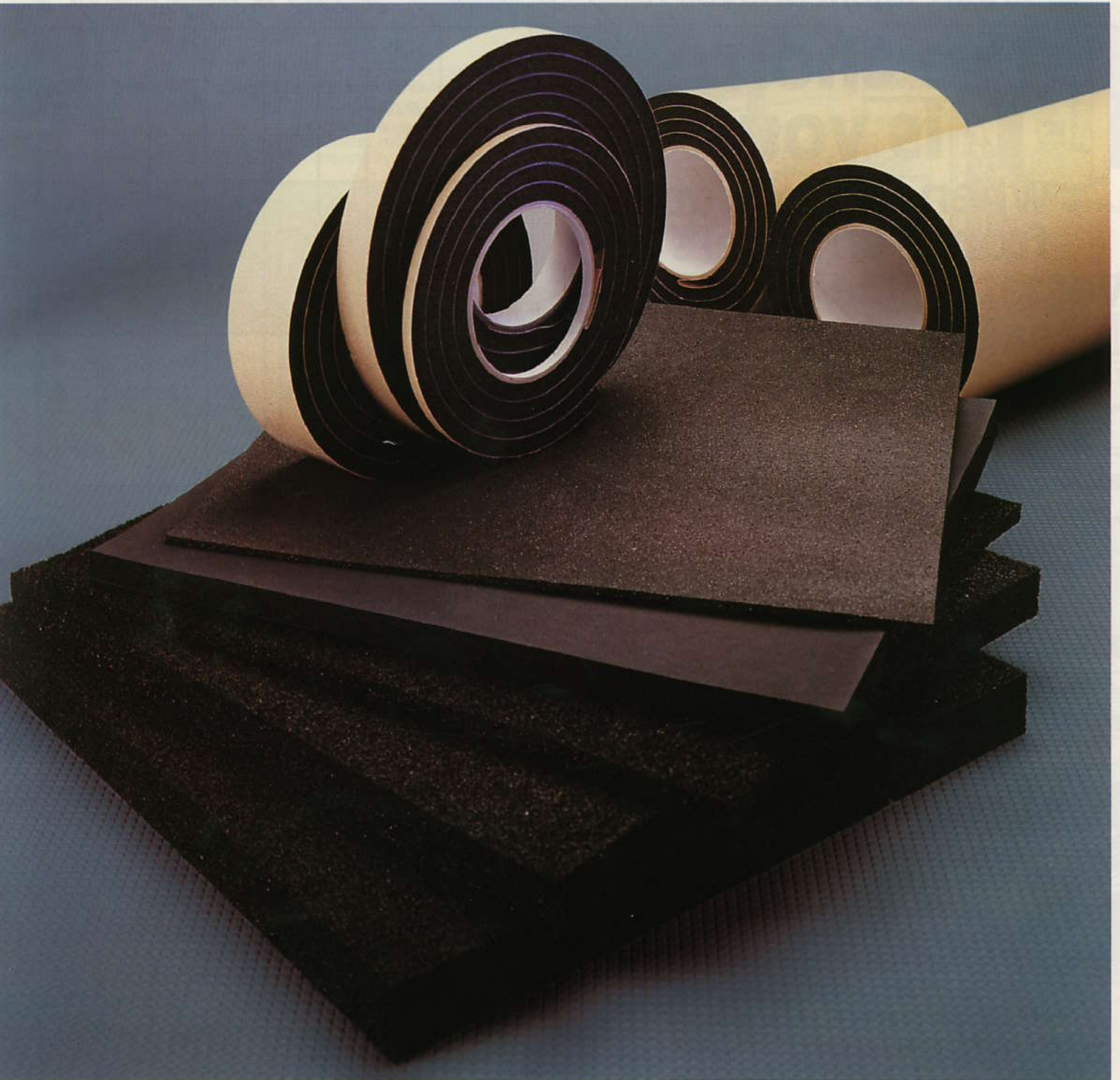


# **EPT Products**

**for trouble-free sealing**



**Permace<sup>l</sup>**  
**A NITTO DENKO COMPANY**

# The choice is yours when you select from Permacel's versatile line of EPT sealing materials!

Permacel offers you a full range of EPT foam products to meet your most specific application requirements and solve your most difficult design problems.

There are two basic foam types: compressible and highly-compressible. The latter is available flame retardant, and both types are available with or without acrylic or butyl adhesives.

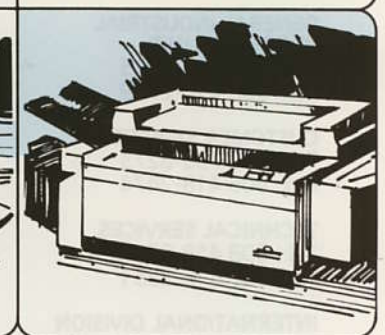
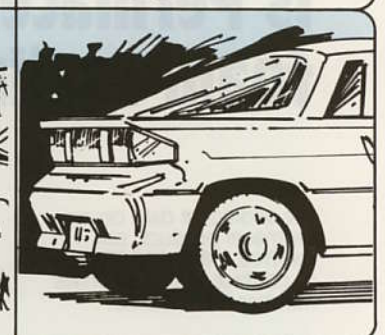
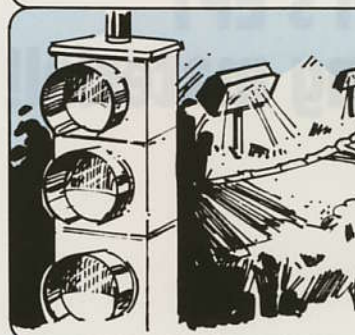
Permacel's EPT foams are expressly designed to seal against moisture, air, dust, fumes, chemicals and sound. They remain unaffected by water/humidity, temperature extremes, air pollution, acids and alkalis, ultraviolet light, or combinations thereof. Plus, EPT foams remain elastic and flexible, retain impact resistance, and provide permanent sealing long after other sealing materials have failed or deteriorated completely.

For you, this means reliable and trouble-free performance — exactly what you want . . . and can expect from a Permacel EPT sealing material!

	PRODUCT NUMBER	THICKNESS RANGE (in.)	WIDTH RANGE (in.)	DENSITY (lbs./ft. <sup>3</sup> )	ELONGATION (%)	TENSILE STRENGTH (lbs./in. <sup>2</sup> )	COMP. LOAD 25%/50% (lbs./in. <sup>2</sup> )	H <sub>2</sub> O ABSORPTION, 50% C	AIR PERMEABILITY	TEMP.
<b>EE 1010</b>	1/8 - 1	AVLB. UP TO 35	6.6	510	14.3	0.3 0.7	1.6	Very low	-40 +248 (300)	
<b>EE 1040</b>	1/8 - 1	AVLB. UP TO 35	6.6	510	14.3	0.3 0.7	1.6	Very low	-40 +248 (300)	
<b>6801</b>	1/8 - 5/8	AVLB. UP TO 35	7.4	260	52.0	3.2 9.1	0.0	0.0	-40 +248 (300)	
<b>EM 140</b>	1/8 - 5/8	AVLB. UP TO 35	7.4	260	52.0	3.2 9.1	0.0	0.0	-40 +248 (300)	
<b>EM 680W</b>	1/6 - 5/8	AVLB. UP TO 35	8.3	230	47.6	4.4 10.9	0.0	0.0	-40 +248 (300)	
<b>EM 681MW</b>	1/6 - 5/8	AVLB. UP TO 35	8.3	230	47.6	4.4 10.9	0.0	0.0	-40 +248 (300)	
<b>EE 710FR</b>	1/8 - 3/4	AVLB. UP TO 35	6.9	410	14.5	0.4 0.7	1.8	Very low	-40 +248 (300)	
<b>EE 740FR</b>	1/8 - 3/4	AVLB. UP TO 35	6.9	410	14.5	0.4 0.7	1.8	Very low	-40 +248 (300)	

# Permacel EPT sealing materials are applicable to a wide range of products in several major markets.

PERMEABILITY	% COMP. (%)	TEMPERATURE RANGE (F. max.)	FLAMMABILITY (conforms)	WEATHERABILITY	ADHESIVE STRENGTH (oz./in.)	PRODUCT DESCRIPTION & APPLICATION CONDITIONS
0 8 0)	FMVSS 302	Excellent	45	<b>EE-1010</b> Highly compressible closed cell EPDM foam, w/acrylic adhesive.  Complex joint shapes, smooth surfaces, high-to-low strength substrates, moderate-to-low compression, sound absorption.		
0 8 0)	FMVSS 302	Excellent	79	<b>EE-1040</b> Highly compressible closed cell EPDM foam, w/butyl adhesive.  Complex joint shapes, rough surfaces, high-to-low strength substrates, moderate-to-low compression, sound absorption.		
0 8 0)	FMVSS 302	Excellent	45	<b>6801</b> Compressible closed cell EPDM foam, w/acrylic adhesive.  Simple joint shapes, smooth surfaces, high-to-moderate strength substrates, high-to-moderate compression, sound blocking.		
0 8 0)	FMVSS 302	Excellent	77	<b>EM-140</b> Compressible closed cell EPDM foam, w/butyl adhesive.  Simple joint shapes, rough surfaces, high-to-moderate strength substrates, high-to-moderate compression, sound blocking.		
0 8 0)	FMVSS 302	Excellent	119	<b>EM-680W</b> Compressible closed cell EPDM foam, w/butyl adhesive two sides.  Simple joint shapes, rough surfaces, high watertightness, high-to-moderate strength substrates, high-to-moderate compression, sound blocking.		
0 8 0)	FMVSS 302	Excellent	Face Surface: 35 Liner Surface: 119	<b>EM-681MW</b> Compressible closed cell EPDM foam, w/butyl adhesive one side, acrylic adhesive one side.  Simple joint shapes, rough/smooth surfaces, high watertightness, high-to-moderate strength substrates, high-to-moderate compression, sound blocking.		
0 8 0)	UL94HF1 E52859	Excellent	40	<b>EE-710FR</b> Flame retardant, highly compressible closed cell EPDM foam, w/acrylic adhesive.  Complex joint shapes, smooth surfaces, high-to-low strength substrates, moderate-to-low compression, sound absorption.		
0 8 0)	UL94HF1 E52859	Excellent	79	<b>EE-740FR</b> Flame retardant, highly compressible closed cell EPDM foam, w/butyl adhesive.  Complex joint shapes, rough surfaces, high-to-low strength substrates, moderate-to-low compression, sound absorption.		



**CONSTRUCTION**  
Curtain walls, glazing, roof and wall panels, skylights, windows.

**UTILITIES**  
Lighting fixtures, telephone equipment, traffic control devices, electrical control equipment.

**HVAC**  
Heating units, ductwork, air conditioners, ventilators.

**RECREATION**  
Motorcycles, snowmobiles, speedboats, ATVs (all-terrain vehicles).

**DISPENSERS**  
Gas pumps, merchandise and food vending machines, ATMs.

**AUTOMOTIVE**  
Sunroofs, windows, control panels, speakers, ventilators, lighting fixtures, moldings, air conditioners.

**TRANSPORTATION**  
Railway car and cruise ship windows, doors, ventilators, lighting units.

**ELECTRONICS**  
Copiers, computers, testing devices, telecommunications equipment.

# For problem-free, permanent sealing with the built-in versatility to meet your most difficult design problems . . . the "right" choice is Permacel's EPT foam sealing material!

For additional data on any  
Permacel product, call  
toll-free 1-800 755-TAPE  
or contact the appropriate  
number listed below.

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New Brunswick, NJ 08903

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& SILICONE PRODUCTS UNIT**  
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