



**Send To: C0254048**

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Filmtex SAS  
Carrera 73 #62 D - 81 Sur  
Bogota, 111921  
Colombia

**Facility: C0254049**

Filmtex SAS  
Carrera 73 #62 D - 81 Sur  
Colombia

Result	PASS	Report Date	11-JAN-2016
Customer Name	Filmtex SAS		
Tested To	NSF/ANSI 61		
Description	PVC reinforced membrane   PERMAFLEX TQ AP 1200X1600 BLANCO		
Trade Designation	PERMAFLEX TQ AP 1200X1600 BLANCO		
Test Type	Qualification Retest		
Job Number	J-00203353		
Project Number	W0260639		
Project Manager	Traci Asher		

**Thank you for having your product tested by NSF International.**

Please contact your Project Manager if you have any questions or concerns pertaining to this report.

**Report Authorization**   
Amanda Phelka - Director, Toxicology Services

**Date** 11-JAN-2016



## General Information

Standard: NSF/ANSI 61

DCC Number: PM16269

Physical Description of Sample: PVC reinforced membrane

Trade Designation/Model Number: PERMAFLEX TQ AP 1200X1600 BLANCO

Sample Id: **S-0001219111**  
Description: Sample exposed at 23C and pH 8  
Sampled Date: 01/07/2016  
Received Date: 12/28/2015

### Normalization Information:

Date exposure completed:	07-JAN-2016	Calculated N1:	0.10	Field Exposure Time:	24 hours	Lab Exposure Time	24 hours
Field Surface Area:	0.33 in2	Lab Surface Area:	12.25 in2	Calculated N2:	1.00	Calculated N4:	1.000
				Constant N2:	1	Misc. Factor:	1
Field Static Volume:	1 L	Lab Static Volume:	3.71 L				
				Calculated NFm:	1.00		

Compound Reference Key: SPAC

Testing Parameter	Sample	Control	Result	Normalized Result	Units
<b>Chemistry Lab</b>					
BASE/NEUTRAL/ACID EPA METHOD 625 Scan for Tentatively Identified Compour					
Tributyl acetyl citrate	50	Complete	50	5	ug/L
Scan Control Complete	TRUE				
Semivolatile Compounds, Base/Neutral/Acid Target 625, Data Workup					
Pyridine	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Nitrosodimethylamine (N-)	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
N-Nitrosomethylethylamine	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
5-Methyl-2-hexanone (MIAK)	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
1-Methoxy-2-propanol acetate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2-Heptanone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Cyclohexanone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Nitrosodiethylamine (N-)	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Isobutylisobutyrate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Aniline	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Phenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Di(chloroethyl) ether	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2-Chlorophenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,3-Benzofuran	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
1,3-Dichlorobenzene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
1,4-Dichlorobenzene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
3-Cyclohexene-1-carbonitrile	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2-Ethylhexanol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Benzyl alcohol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
1,2-Dichlorobenzene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
bis(2-Chloroisopropyl)ether	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2-Methylphenol (o-Cresol)	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
N-Methylaniline	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L



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Testing Parameter	Sample	Control	Result	Normalized Result	Units
<b>Chemistry Lab ( Continued )</b>					
Acetophenone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
N-Nitrosodi-n-propylamine	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
N-Nitrosopyrrolidine	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
3- and 4-Methylphenol (m&p-Cresol)	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Hexachloroethane	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2-Phenyl-2-propanol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
N-Nitrosomorpholine	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Nitrobenzene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,6-Dimethylphenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
N-Vinylpyrrolidinone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
N-Nitrosopiperidine	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Triethylphosphate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Isophorone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2-Nitrophenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,4-Dimethylphenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
bis(2-Chloroethoxy)methane	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,4-Dichlorophenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Trichlorobenzene (1,2,4-)	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Naphthalene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
4-Chloroaniline	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
1,1,3,3,-Tetramethyl-2-thiourea	ND(4)	ND(4)	ND(4)	ND(0.4)	ug/L
Hexachlorobutadiene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Benzothiazole	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
N-Nitrosodi-n-butylamine	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
4-Chloro-3-methylphenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
p-tert-Butylphenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2-Ethylhexyl glycidyl ether	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,6-Di-t-butyl-4-methylphenol(BHT)	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Methylnaphthalene, 2-	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Cyclododecane	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,4,5-Trichlorophenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,4,6-trichlorophenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
1(3H)-Isobenzofuranone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2-Chloronaphthalene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2-Nitroaniline	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
1,1'-(1,3-Phenylene)bis ethanone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,6-Di-tert-butylphenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Dimethylphthalate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
1,1'-(1,4-Phenylene)bis ethanone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Acenaphthylene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Benzenedimethanol, a,a,a',a'-tetramethyl-1,3-	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,6-Dinitrotoluene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,4-Dinitrotoluene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Benzenedimethanol, a,a,a',a'-Tetramethyl-1,4-	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L



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Testing Parameter	Sample	Control	Result	Normalized Result	Units
<b>Chemistry Lab ( Continued )</b>					
2,4-Di-tert-butylphenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Dimethyl terephthalate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Acenaphthene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Dibenzofuran	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Ethyl-4-ethoxybenzoate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
4-Nitrophenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Cyclododecanone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Diethyl Phthalate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
p-tert-Octylphenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Fluorene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
4-Chlorophenylphenylether	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
3-Nitroaniline	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
4-Nitroaniline	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Nitrosodiphenylamine (N-)	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Azobenzene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
4-Bromophenylphenylether	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Hexachlorobenzene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Pentachlorophenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Phenanthrene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Anthracene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Diisobutyl phthalate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Dibutyl phthalate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Diphenyl sulfone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Hydroxymethylphenylbenzotriazole	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Fluoranthene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Pyrene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Butyl benzyl phthalate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Di(2-ethylhexyl)adipate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
3,3-Dichlorobenzidine	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Benzo(a)anthracene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Di(2-ethylhexyl)phthalate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Chrysene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Di-n-octylphthalate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Benzo(b)fluoranthene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Benzo(k)fluoranthene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Benzo(a)Pyrene (PAH)	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Dibenzo(a,h)anthracene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Indeno(1,2,3-cd)pyrene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Benzo(g,h,i)perylene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L



**Testing Laboratories:**

	<b>Id</b>	<b>Address</b>
All work performed at: →	NSF_AA	NSF International 789 N. Dixboro Road Ann Arbor MI 48105

**References to Testing Procedures:**

<b>NSF Reference</b>	<b>Parameter / Test Description</b>
C2023	BASE/NEUTRAL/ACID EPA METHOD 625 Scan for Tentatively Identified Compounds (TICs)
C2024	Semivolatle Compounds, Base/Neutral/Acid Target 625, Data Workup

Test descriptions preceded by an asterisk "\*" indicate that testing has been performed per NSF International requirements but is not within its scope of accreditation.