

9.0 CHEMICAL RESISTANCE

ALUMINIUM FOIL

	NORMAL CONDITIONS						HUMID CONDITIONS					
	S	E	G	F	P	NR	S	E	G	F	P	NR
ACETIC ACID				•								
ACETONE			•									
ACETYLENE			•									
AMMONIA			•									
BENZENE			•								•	
BROMINE			•								•	
BUTANE			•									
CARBON DIOXIDE			•							•		
CHLORINE			•								•	
ETHENE												
FORMALDEHYDE				•								
HELIUM			•									
HYDROGEN			•									
HYDROCHLORIC ACID												
METHANE			•									
METHANE CARBOXYLIC ACID												
METHANOL												
METHYL BENZENE												
NEON			•									
NITRIC ACID					•							
NITROGEN			•									
OZONE				•								
PHENOL				•								
PHOSPORIC ACID					•							
PROPANE			•									
SULPHUR			•									
SULPHURIC ACID					•							
SULPHUROUS ACID				•								
TOLUENE			•									
WATER				•								

S = Superior F = Fair
 E = Excellent P = Poor
 G = Good NR = Not recommended

CHEMICAL RESISTANCE

COATED FABRICS (GREYDEC)

	NORMAL CONDITIONS						HUMID CONDITIONS					
	S	E	G	F	P	NR	S	E	G	F	P	NR
ACETIC ACID												
ACETONE						•						•
ACETYLENE		•						•				
AMMONIA SOLUTION				•						•		
AMMONIA CONCENTRATED				•						•		
BENZENE						•						•
BROMIDE			•						•			
BUTANE		•						•				
CARBON DIOXIDE	•						•					
CHLORINE	•						•					
ETHANE		•						•				
FORMALDEHYDE												
HELIUM	•						•					
HYDROGEN	•						•					
HYDROCHLORIC ACID		•						•				
METHANE		•						•				
METHANE CARBOXYLIC ACID			•						•			
METHANOL				•						•		
METHYL BENZENE				•						•		
NEON		•						•				
NITRIC ACID			•						•			
NITROGEN	•						•					
OZONE			•						•			
PHENOL			•						•			
PHOSPHORIC ACID 30%			•						•			
PROPANE		•						•				
SULPHUR	•						•					
SULPHURIC ACID 50% SOLUTION		•						•				
SULPHUROUS ACID 30% SOLUTION		•						•				
TOLUENE						•						•
WATER	•						•					

S = Superior
F = Fair
P = Poor

E = Excellent
G = Good
NR = Not recommended

LIABILITY:

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PLEASE NOTICE:

The consultant is responsible for the actual installation and mounting of the product. The mentioned values with respect to temperatures are not appropriate to be used to determine the physical properties. These properties are also dependent on humidity and the temperature of the air inside and outside of the H.V.A.C. system.

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CHEMICAL RESISTANCE

POLYESTER FOIL

	NORMAL CONDITIONS						HUMID CONDITIONS					
	S	E	G	F	P	NR	S	E	G	F	P	NR
ACETIC ACID												
ACETONE		•						•				
ACETYLENE		•						•				
AMMONIA SOLUTION					•						•	
AMMONIA CONCENTRATED						•						•
BENZENE		•						•				
BROMINE		•						•				
BUTANE		•						•				
CARBON DIOXIDE		•						•				
CHLORINE		•						•				
ETHENE		•						•				
FORMALDEHYDE												
HELIUM		•						•				
HYDROGEN		•						•				
HYDROCHLORIC ACID				•						•		
METHANE		•						•				
METHANE CARBOXYLIC ACID		•						•				
METHANOL		•						•				
METHYL BENZENE		•						•				
NEON		•						•				
NITRIC ACID				•						•		
NITROGEN		•						•				
OZONE			•						•			
PHENOL			•						•			
PHOSPHORIC ACID 30%		•						•				
PROPANE		•						•				
SULPHUR			•						•			
SULPHURIC ACID 50% SOLUTION				•						•		
SULPHUROUS ACID 30% SOLUTION				•						•		
TOLUENE												
WATER	•						•					

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CHEMICAL RESISTANCE

PVC

	NORMAL CONDITIONS						HUMID CONDITIONS					
	S	E	G	F	P	NR	S	E	G	F	P	NR
ACETIC ACID						•						•
ACETONE												
ACETYLENE												
AMMONIA SOLUTION		•										
AMMONIA CONCENTRATED						•						
BENZENE						•						•
BROMINE						•						•
BUTANE		•						•				
CARBON DIOXIDE		•						•				
CHLORINE												
ETHENE												
FORMALDEHYDE												
HELIUM												
HYDROGEN		•						•				
HYDROCHLORIC ACID		•						•				
METHANE												
METHANE CARBOXYLIC ACID												
METHANOL												
METHYL BENZENE												
NEON												
NITRIC ACID			•						•			
NITROGEN	•						•					
OZONE		•						•				
PHENOL						•						•
PHOSPORIC ACID 30%			•						•			
PROPANE			•						•			
SULPHUR												
SULPHURIC ACID 50% SOLUTION		•						•				
SULPHUROUS ACID 30% SOLUTION			•						•			
TOLUENE	•						•					
WATER	•						•					

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CHEMICAL RESISTANCE

ASB TAPE

	NORMAL CONDITIONS						HUMID CONDITIONS					
	S	E	G	F	P	NR	S	E	G	F	P	NR
ACETIC ACID				•						•		
ACETONE			•						•			
AMMONIA			•							•		
BENZENE			•								•	
BROMINE					•						•	
BUTANOL			•						•			
CARBON DIOXIDE			•							•		
ETHANOL			•						•			
FORMALDEHYDE				•						•		
HELIUM			•						•			
HYDROGEN			•						•			
HYDROCHLORIC ACID					•						•	
METHANOL			•						•			
NITRIC ACID UP					•						•	
NITROGEN			•						•			
OZONE				•						•		
PHENOL				•						•		
PHOSPORIC ACID					•						•	
PROPANE			•						•			
SULPHUR			•									
SULPHURIC ACID UP					•						•	
TOLUENE			•						•			
UV RADIATION			•						•			
WATER			•						•			

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CHEMICAL RESISTANCE

PSB TAPE

	NORMAL CONDITIONS						HUMID CONDITIONS					
	S	E	G	F	P	NR	S	E	G	F	P	NR
ACETIC ACID			•						•			
ACETONE					•						•	
AMMONIA			•							•		
BENZENE					•						•	
BROMINE					•						•	
BUTANOL			•						•			
CARBON DIOXIDE			•						•			
ETHANOL			•						•			
FORMALDEHYDE				•						•		
HELIUM			•						•			
HYDROGEN			•						•			
HYDROCHLORIC ACID			•						•			
METHANOL			•						•			
METHYLENECHLORIDE					•						•	
NITRIC ACID UP TO 30%			•						•			
NITRIC ACID UP OVER 30%				•						•		
NITRIC ACID UP OVER 90%					•						•	
NITROGEN			•						•			
OZONE				•						•		
PHENOL				•						•		
PHOSPORIC ACID			•						•			
PROPANE			•						•			
SULPHUR			•						•			
SULPHURIC ACID UP TO 70%			•						•			
TOLUENE					•						•	
UV RADIATION				•						•		
WATER		•						•				

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