M	anufacture of P.M. Re	esearch Prote	ective Masks	
Product Identifier:	PM-T40	Product Code:	PM-T40	
Approximate Thickness	0.012" (.305mm) + 0.0	012" (.305mm) + 0.002" Adhesive		
Adhesive Properties:	Adhesive Type; Firm Acrylic. Adhesion tests per ASTM-D1000 24-hour dwell at room temperature; 180° peel at 12"/min (30.48 cm/min)			
	Stainle	ess Steel	48 oz/in (.536kg/cm)	
Service Temperature:	neg 60°F to 275°F (i	neg 60°F to 275°F (neg 51°C to 135°C) (film softens above this limit)		
Property	Test Method	Averag	e Value	
Tensile Strength	ASTM-D882	80 lbs.,	/in. (14.287 kg/cm)	
Elongation; %@break	ASTM-D882	>300%		
Tear Strength	ASTM-1938	3.5 lbs	(1.588kg)	
Taber Abrasion	ASTM-C501 H-18, 1000g wt 1000 c	<0.05g ycles		
Hardness; Shore A	ASTM-D2240	87		
Dielectric Strength	ASTM-D1000	12,700) volts	
	Diesel Fuel JP-4 Jet Fuel JP-5 Jet Fuel	ne w/ 10% ethanol	slight edge lifting slight edge lifting slight edge lifting	
	Solvent resistance after 12-month immersion when applied to bonderized steel: TKS-Fluid no effect			
Outdoor Exposure: Sunshine Carbon Arc We Xenon Weatherometer Ex	atherometer Exposure Test: adhesion, cracking, check	after 400-hours: king, blistering or pe after 3,000-hours after 6,000-hours	tely N42°06", W77°59", no or negligible effect no fading, chalking, dulling, yellowing, loss of eling. s:Avg color Delta E, <½ of 1%, Gloss change 0 s:Avg color Delta E, <½ of 1%, Gloss change <5% ing, blistering, peeling, mildew or other deteriorat	
n		Notice: This drawing	g, specifications and any purchase orders, request for q	
Original document based on AMS- Elongation to >300%, align with ap		therein are the excl confidence and sha reproduced, copied purpose whatsoeve	in connection therewith and the data or information cor usive property of P.M. Research, Inc. and are issued in s II not, without prior written permission of P.M. Research , disclosed to any third part in whole or in part or used f r except in the quotation or manufacture or processing red for P.M. Research. Inc.	
	es Hill Road Drawn by:	GHL Scale	Date: 2/25/2	