Subject: Acrylic transfer tape?
Posted by moray james on Mon, 02 May 2005 19:55:19 GMT
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I am wanting to build some ESL panels useing acrylic transfer tape to bond the diaphragms to the stator frames. I have used contact adhesive in the past but want to take the easy way this time and use tape. I used to have info (years ago) on 3M tapes but it has been lost in computer land. Can anyone tell me the current favorite transfer tapes in use now for this purpose? I understand that 3M 467 is a good choice but it has been over ten years since I last looked at doing this and I wonder if there are other brands or types now in use. Thank you, regards Moray James.

Subject: Re: Acrylic transfer tape?
Posted by moray james on Thu, 05 May 2005 16:24:31 GMT
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I spoke to a tech rep at 3M today and found out that the 467/468 line of products is known as #467MP, #468MP. They recommended that the products would work with shrink type tension but that for a stretched diaphragm they would probably not hold. The recommended transfer tape for highest strength and most agressive grip is #9485 which is a 5 thou thick transfer product. This is also available in a 2 thou thickness called #9482. The thicker product was said to have about double the strength. I thought that I would pass this information along. 3M also advised that if the diaphragm/bond line could be wrapped over the edge of the stator frame then the strength of the bond would be significantly increased. Regards Moray James.

Subject: Re: Acrylic transfer tape?
Posted by Wayne Parham on Thu, 05 May 2005 19:20:16 GMT
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Good info, thanks!