

TECHNICAL BULLETIN

EXPAN A

double-faced

adhesive foam tape



MATERIAL	100% closed-cell polyethylene foam
ADHESIVE	TA1860 cross-linking acrylic

PROPERTY	TEST METHOD	UNIT OF MEASUREMENT	EXPAN 2008 A	EXPAN 2016 A	EXPAN 2030 A
Nominal thickness	PSTC-33	mm.	0,8	1,6	3,0
Colour			white black	white black	white
Foam density		Kg/mc.	100	100	100
Peel adhesion 180° ⁽¹⁾ After 5 minutes After 24 hours	PSTC-1	N/25mm.	The adhesive is stronger than the material		
Shear adhesion 23°C ⁽²⁾ Shear adhesion 70°C	PSTC-7	hours	<100 <100	<100 <100	<100 <100
Tack	PSTC-16	N/25mm	15	15	15
Tensile strength	ASTM D412	N/sqcm.	70	70	70
Tear resistance	ASTM D624	N/sqcm.	20	20	20
TERMAL PROPERTY					
Thermal conductivity	ASTM D2623	cal.25 mm/h 0,09 sqm-0° C	81	81	81
Inflammability	ASTM D1692	slow burn			
Service temperature		from -40 to +80°C			
Application temperature		from +15 to +50°C			
Storage		Beyond 2 years (if stocked at 21°C and 50% humidity)			

(1) peel adhesion on stainless steel at 22°C

(2) shear adhesion on stainless steel with 175 g/sqcm weight for 24 hours

Remark: for a correct use of the product, please clean the surface very well before applying the material.

