



# Product Specification

Last updated Feb-08

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## AF0820R

<b>Product</b>	Foamed acrylic tape grey 0.8mm
<b>Liner</b>	HDPE Red
<b>Range of application</b>	Suitable for various demanding bonding applications interior as well as exterior, metals, glass, powder coated surfaces, badges and trims, signs and display assembly.
<b>Application temperature</b>	Minimum 15°C; R.H. 55%±10% (ideally between 21°C and 40°C)

Technical description	Unit	Value
Backing		Foam-like acrylic glue
Color		Grey
Adhesive coating		None
Thickness	mm	0.8
Elongation	%	800 ± 100
90° Peel adhesion		(ASTM D-3330)
After 20 Minutes	gr.f./25mm	4,500
After 24 Hours	gr.f./25mm	6,300
After 72 Hours	gr.f./25mm	7,200
Tensile Strength		(ASTM D-897)
(50mm/min., 25mm x 25m 24Hr)		
SUS-304 (T-Block)	Kgf/25mmx25mm <sup>2</sup>	38
Dynamic shear		(ASTM D-1002)
(50mm/min., 25mm x 25mm)		
SUS 304	Kgf/25mmx25mm <sup>2</sup>	50
PVC Plate	Kgf/25mmx25mm <sup>2</sup>	40
ABS Plate	Kgf/25mmx25mm <sup>2</sup>	40
Static shear		(ASTM D-3654)
(Falling time of 25mm x 25mm tape with 1kg weight at 80°C)	minute	>10,000
Service temperature		
Minimum	°C	-20
Maximum	°C	180

Test method: ASTM

Prior to application the surface should be made dry and free of any dirt, dust and grease (50:50 IPA). Use sufficient pressure over the whole surface at room temperature to ensure maximum adhesive to surface contact.

Elevated temperature following application (60°C for 1 Hr) improves adhesive wetout.

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