

Technical Data Sheet FT-210000-E

Self-Adhesive Hangers SC

General Description:

Self-adhesive hangers ensure a proper quality fixing of insulation on smooth surfaces such as air ducts, attenuators, chambers and enclosures. An excellent fixing is ensured by the high quality adhesive and the fastening clips.

Base:	Dimensions:	50 x 50 mm
	Thickness:	0,4 mm
Shank:	Diameter:	2,7 mm
	Lengths:	19 to 203 mm
Fastening clips:	External diameter:	30 mm (38 mm on request)
	Thickness:	0,4 mm
	Material:	Galvanised spring steel
Adhesive foam:		see below
Minimum application temperature:		+ 5 C°
Temperature range:		-40 / +80°C (100°C for short periods of time)
Storage :		Minimum 2 years when stored between 15°C and 25° C with 50% relative humidity
Specific recommendations:		Surfaces should be clean, dry, free of dust, grease, oil and any other loose matter. Do not use dissolvent products.

Adhesive characteristics:

Base:	white, cross-linked, closed-cell polyethylene foam
Coating:	acrylic adhesive on both sides
Release paper:	silicone paper
Thickness:	approximately 1,1 mm (foam + adhesive)
Chemical resistance:	resistant to water, detergents, alcohols, aliphatic solvents and some aromatic solvents. Not for use in application likely to make contact with chlorinated, cetonic or ester solvents.

Adhesive data:

Peel 180°/30 min. (N/25mm - stainless steel)		> 17*	FTM 1
Peel following AFERA23 C°	> 17*		AFERA 4001
	70 C°	> 1,5	AFERA 4001
* foam splits			
Shear			
1 kg / 25mm x 25mm (hours)	> 400		FTM 8
Shear (N)	23 C°	> 40	AFERA 4012
	70 C°	> 8	AFERA 4012

Carrier data:

Tensile (N/15mm)	MD 10	DIN 53455
	CD 6	
Elongation (%)	MD 200	DIN 53455
	CD 300	