

# AAG CROWN PROFILE

## technical data sheet



120P 04095  
14/02 2020

### Product

141 is an extruded EPDM closed cellular rubber sealing strip with a glass fibre scrim carrier tape.

















### Key Features

- Excellent adhesion to dry surfaces
- Excellent ozone resistance
- Free from harmful substances
- Good resistance to solvents, poor resistance to oil
- Service Temperature Range: -20°C – +75°C
- Water and air tight
- Water absorption is negligible
- Approved by MTK\* (4x8, 4x9, 4x10, 5x10, H5x10, H6x10)
- For factory as well as on site glazing
- Approved by RISE according to P-marking regulations

### Areas of application

- Ensuring water and air tightness between frame and insulating glass and between insulating glass and beads in wooden windows
- Ensuring water and air tightness between fixed frames and insulating glass and between insulating glass and beads in wooden conservatories
- Draught excluder for older windows and doors

### Technical Features

Profile Dimension		Profile Colour	Profile type	Compression 25% (N/m) Nominal Value	Compression 40% (N/m) Nominal Value
2 x 8		Black	4-top	219	440
2 x 15		Black	5-top	219	440
3 x 8		Black	3-top	177	368
3 x 9		Black	4-top	106	252
3 x 12		Black	4-top	106	252
L 3 x 12		Black	4-top	273	533
3 x 15		Black	5-top	210	413
4 x 8		Black	4-top	321	636
4 x 9		Black	4-top	160	325
4 x 10		Black	4-top		
4 x 15		Black	4-top		
4 x 20		Black	5-top		
5 x 10		Black	4-top		
H 5 x 10		Black	3-top	230	434
H 6 x 10		Black	3-top		
8 x 15		Black	4-top		

#### Test Method

The above table shows Compression Values for selected profiles.

<sup>1</sup> MTK Compression set (value) SS818134 p. 3.2.1 (adjusted)

\* MTK is a committee created and "owned" by the glass manufacturers and the glaziers associations in Sweden. MTK is testing and approving glazing materials for installation of Insulated Glass Units. For suppliers to Scandinavian window manufacturers approval from MTK is a prerequisite.

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### Technical Features

	Unit	Nominal Value	Test Method
Density	g/cm <sup>3</sup>	0.32	DS/ISO 2781A
Hardness in shore 00, black	Shore 00	50	ASTM D2240
Hardness in shore 00, white	Shore 00	50	ASTM D2240
Peel Adhesion (180° peel), Stainless Steel – 24 hrs.	N/cm	10	DIN EN 1939 with 100 mm/min.

### Technical Features - Tape

	Unit	Nominal Value	Test Method
Thickness (liner exclusive)	mm	0.21	TATM

TATM – Test method According to Tape Manufacturer

### Standard Dimensions and Packaging

141 EPDM is supplied in various profiles. Each profile is offered in several dimensions. The number of meter per roll and rolls per carton is determined by product dimensions and customer requirement.

**Available profiles:** 3-top, 4-top, L and crown profiles

**Available colours:** Black, white, grey and brown

*Profiles may be supplied without tape on customer request.*

### Application

**Application temperature:** > 5°C (15°C - 25°C recommended)

**Surface preparation:** All surfaces MUST be clean, dry and free from dust, grease and loose materials. Propan-2-ol is recommended for cleaning. Make sure the surface is allowed to dry prior to application of the sealing strip.

**Application:** Apply by hand directly from the reel; remove the release paper and apply the sealing strip to the surface. Press firmly, but ensure not to stretch the rubber during application. Automated application may be possible when the profile is supplied with suitable release paper/foil.

**Shelf life:** At least 9 months from date of manufacture under normal storage conditions.

**Disposal:** The product is not biodegradable. Do not disperse it in the environment after use.

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### Tolerances

Profiles, EPDM and tape:	Height and width (mm)	Unit	Tolerance (+/-)*
	- 2.5	mm	0.35
	2.6 - 4.0	mm	0.40
	4.1 - 6.3	mm	0.50
	6.4 - 10	mm	0.70
	11 - 16	mm	0.80
	17 - 25	mm	1.00
	26 - 150	mm	2.00
	*DIN 7715 T3 class E2		
Length (All Profiles):	Reel length (m)		Tolerance (+/-)*
	- 100		2%
	100 -		1%
Tape placement:	To the edge of the profile (exclusive tearing edge)		

#### Note:

The information in this Technical Data Sheet is based on laboratory tests. The Technical Features are to be regarded as target values. Properties quoted are typical and does not constitute a specification nor an explicit or implicit warranty. EPDM Rubber is not oil resistant. Due to the large variability in application conditions it is advisable that the product is tested by the user to establish suitability for the intended use.