



AGP™ 200 Foam

AGP™ 200 is a uniquely engineered polymer foam that provides outstanding performance characteristics previously unavailable in a single sealing product.

Its softness and conformability allows AGP™ 200 to recover larger tolerances during assembly, yet it avoids distortion of thin-wall plastics. AGP™ 200 attains an efficient water seal at only 30% compression and it will perform under extreme environmental and temperature conditions.

AGP™ 200 contains no plasticizers and will not craze sensitive materials or migrate to the paint surface causing a ghost mark. Moreover, it is odourless and halogen-free, making it an environmentally friendly product. Other key advantages of using AGP™ 200 foam are its superior physical properties : very low fogging, low flammability and thickness range.

Applications

- Automotive HVAC gasketing
- Automotive lighting gaskets
- Automotive wheatherstrip gap seal

Ecological, Water-Tight, Ultra-Soft Foam

Features & Benefits

- Very efficient water seal with only 30% compression
- Soft, conformable, easily compressible foam, compensates very high tolerances
- Outstanding fogging properties allow direct use in automotive HVAC and direct interior applications
- Wide temperature range allows automotive underhood applications
- Low energy surface adhesives with excellent aging capability
- Excellent weathering characteristics allow exterior applications
- No odour
- Lack of plasticizer allows direct contact with automotive paint and sensitive plastics such as ABS, PC, etc.
- Superior flame resistance complies with FMVSS302
- Skin on both sides

Product range

Thickness (mm) x Length (m) 10 x 20 - 12 x 18 - 15 x 14 - 17 x 12 - 20 x 10
 Thickness tolerance = +/- 15%

Colour : Black
 Configuration : Without adhesive (with liner)
 Log size : Width = 1000 mm
 Log diameter = +/- 0.50 m
 Core = 75mm
 Packaging : 4 logs / box
 1 box / pallet

Property	Test Method	Value or Rating
Force to compress @ 30% (kPa)	ASTM D-1667	7
Deflection @ 30% (kPa)	ASTM D-1667	4
Density (kg/m ³)	ISO 845	50
Elongation (%)	ASTM D-3574 Die A	125
Tensile strength (N/cm ²)	ASTM D-3574	8
Compression set (%)	ASTM D-1667	10
Compression ratio for water seal (%)	-	30
Fogging	SAE J1756 3 hrs @ 100°C / 21 °C	> 95% clarity
	VW 50180	Pass
Flammability (mm/min)	ISO 3795 / FMVSS 302	50
Temperature range (°C)	-40 to +120	

Note : Parameter values are not guaranteed and will differ from lot to lot. For specification writing, contact the Application Engineering Department.

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