Fluon+™ ADHESIVE
Chemical Bonding Polymers

AGC

Fluon+™ AH-Series Compounds

Formulated in the USA to your Precise Specifications

AGC Chemicals offers functionalized non-conductive and anti-static compounds made with our Fluon® ETFE based on the needs of our customer and OEMs.

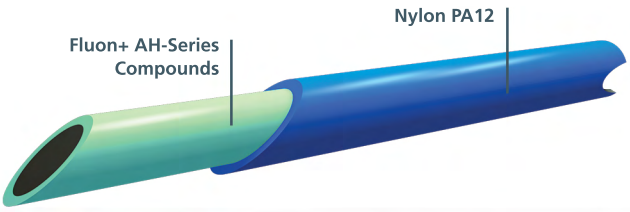
Improved adhesion, excellent conductivity levels, high temperature performance and a reliable supply chain are part of the value added features you will get from our Fluon+ AH-Series compounds.

Fluon+ AH-600, AH-700 and AH-800 series products provide design flexibility through the addition of higher and lower temperature ranges allowing for more selections.

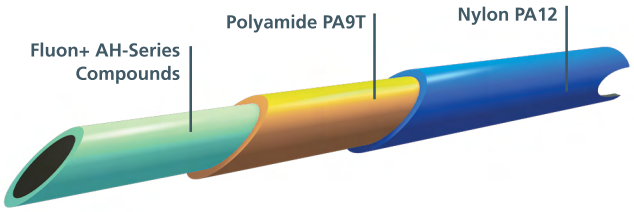
Depending on application parameters like conductivity, temperature requirements or processing conditions, choose from Fluon+ AH-600, AH-700 or AH-800 series products for the inner layer of the fuel hose construction.

Typical Applications

- Automotive fuel hose
- AC compressor hose
- Film & battery applications
- Multi-layer film



Current Generation
AH-2000 or 3000L* / PA12



Next Generation
AH-Series Compounds / PA9T / PA12

* Conductive

Fluon+ AH-600 / AH-600C*

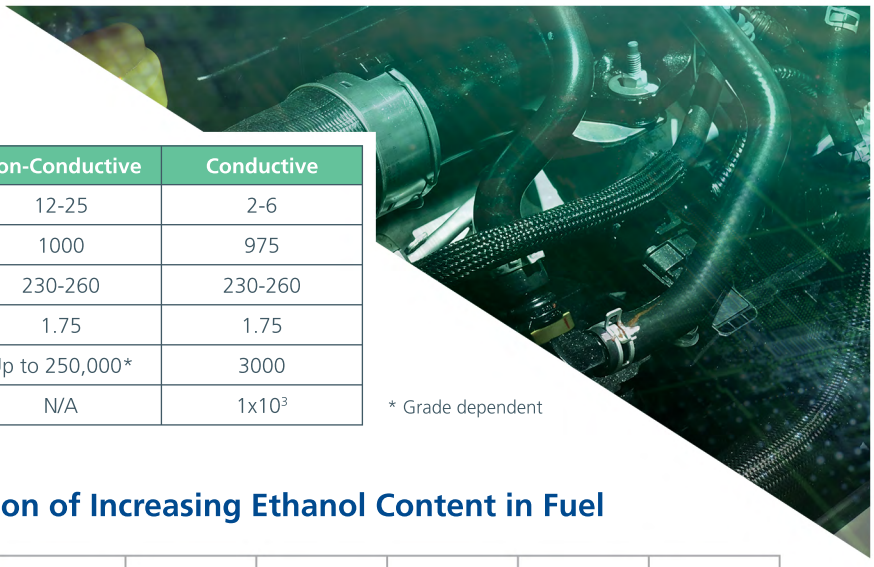
- Low melt AH-ETFE compound
- Flexible processing window
- High temperature performance
- Excellent stress crack resistance

Fluon+ AH-700 / AH-700C*

- Cost-effective solution without compromised performance
- Process temperatures in line with high melt nylons

Fluon+ AH-800 / AH-800C*

- High temperature performance up to 200°C
- Good stress crack resistance at elevated temperatures

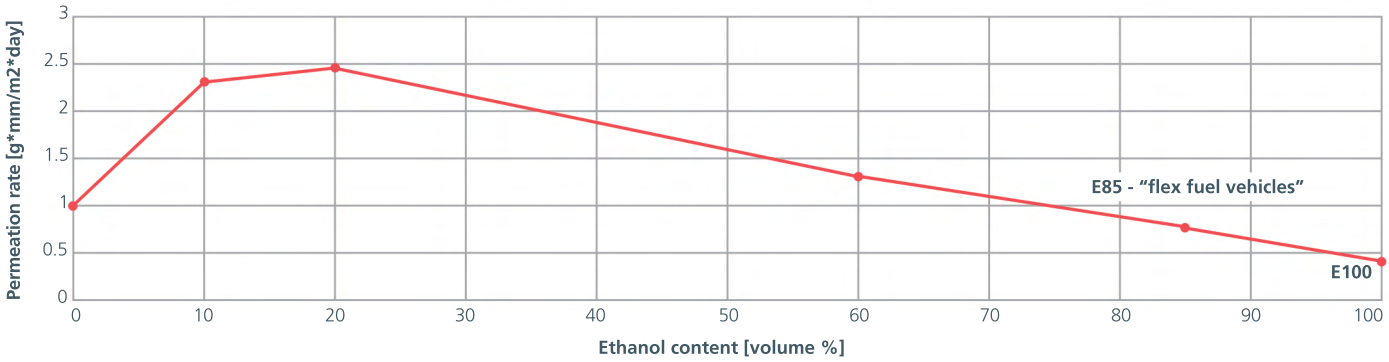


Typical Physical Properties

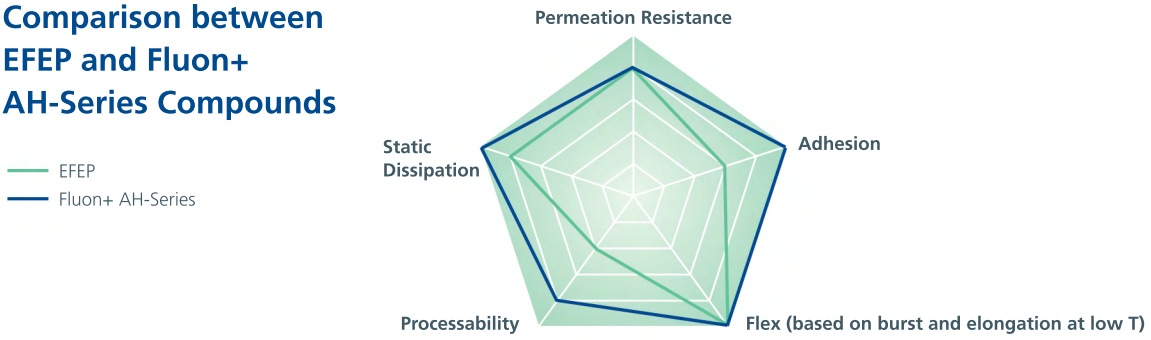
Property	Test Method	Units	Non-Conductive	Conductive
Melt Flow Rate	ASTM D-3159	g/10 min	12-25	2-6
Bulk Density	ASTM D-1895	g/L	1000	975
Melt Point	AGC Internal	°C	230-260	230-260
Specific Gravity	ASTM D-3159	-	1.75	1.75
MIT Flex Life	AGC Internal	no. cycles	Up to 250,000*	3000
Surface Resistivity	AGC Internal	Ω/square	N/A	$1x10^3$

* Grade dependent

Permeation Rate of AH-Series as a Function of Increasing Ethanol Content in Fuel



Comparison between EFEP and Fluon+ AH-Series Compounds



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