



Commercial Products

Advent TPS® HT PEM MEA	Product No.	Active Area (cm ²)
(alloy on cathode)	AAM-25	25
	AAM-45	45
	AAM-165	165
	AAM-605	605
	AAM-C/xxx	Custom size / Per plan approval
Tooling for custom MEAs	AAT-C/xxx	Per plan approval
Advent TPS HT PEM MEA for hydrogen purification	Product No.	Active Area (cm ²)
(anode=cathode=Pt)	ASH-25	25
	ASH-45	45
	ASH-165	165
	ASH-605	605
	ASH-C/xxx	Custom size / Per plan approval
Tooling for custom MEAs	ASHT-C/xxx	Per plan approval
Advent PBI HT PEM MEA (same as P1100W)	Product No.	Active Area (cm ²)
(alloy on cathode)	APM-25	25
	APM-45	45
	APM-165	165
	APM-605	605
	APM-C/xxx	Custom / Per plan approval
Tooling for custom MEAs	APT-C/xxx	Per plan approval
Advent PBI HT PEM MEA for hydrogen purification	Product No.	Active Area (cm ²)
(anode=cathode=Pt)	APH-25	25
	APH-45	45
	APH-165	165
	APH-605	605
	APH-C/xxx	Custom /Per plan approval
Tooling for custom	APHT-C/xxx	Per plan approval

Polymer Products

Advent TPS® HT Membrane (dry thickness nominal 60-65µm)	Product No.	Sheet size (nominal)
	ASF-60	20cm x 20cm (400cm ²) 30cm x 70cm (2100cm ²)
Advent TPS HT Polymer	Product No.	Quantity (nominal grams)
	ASP-60	150 300 500

Developmental Products

(Specification subject to change)

Advent TPS 200X* HT PEM MEA (alloy on cathode)	Product No.	Active Area (cm ²)
	AAXM-25	25
	AAXM-45	45
	AAXM-165	165
	AAXM-C/xxx	Custom / Per plan approval
Tooling for custom MEAs *cross-linked TPS, operation >200 °C	AAXT-C/xxx	Per plan approval
Advent TPS®+ BASF GDE HT PEM MEA (alloy on cathode)	Product No.	Active Area (cm ²)
	ABM-25	25
	ABM-45	45
	ABM-165	165
	ABM-C/xxx	Custom / Per plan approval
Tooling for custom MEAs	ABT-C/xxx	Custom size / Per plan approval
HT PEM Fuel Cell Stacks	Product No.	Power Output (W)
	AFCS-300	300
	AFCS-500	500
	AFCS-1000	1000

Catalysts and Gas Diffusion Electrodes

Platinum on Vulcan XC-72	Product No.
10% wt/wt	C-10
20% wt/wt	C-20
30% wt/wt	C-30
40% wt/wt	C-40
50% wt/wt	C-50
Platinum-Alloys on Vulcan XC-72	Inquire
Gas Diffusion Electrode	Product No.
Single sided coating of microporous layer and platinum catalyst (1 mg/cm ²) on woven carbon cloth	HT140E

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TPS® is a registered trademark of Advent Technologies, Inc.

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