

# ATCA Faceplate Blanks

MADE WITH CONDUCTIVE PLASTICS FOR  
EMI SHIELDING



## Customer Value Proposition:

ATCA blank faceplates made with PREMIER™ EMI shielding thermoplastics provide required performance and save significant (40% and more) cost. The advantages of thermoplastic injection molding technology over metal fabricated or plated plastic versions can finally be enjoyed without the need for secondary operations and outside supply chain services. PREMIER faceplates incorporate features such as bosses, mounting brackets and alignment pins, thereby reducing or eliminating costs of assembly and labor. PREMIER ATCA blank faceplates can provide off-the-shelf form factors, avoiding costly custom designs. PREMIER ATCA blank faceplates are manufactured in a single step injection molding process saving up to 50% in weight while providing effective EMI shielding. Chomerics uses ATCA compliant designs and components to enable easy system integration.

## Contact Information:

Parker Hannifin Corporation  
**Chomerics Division**  
77 Dragon Court  
Woburn, MA 01801

phone 781 935 4850  
fax 781 933 4318  
chomailbox@parker.com

www.parker.com  
www.chomerics.com



## Product Features:

- Shielding effectiveness for proven compliance with NEBS, FCC, Telecordia and EU standards
- High tensile and flexural strength and modulus for proven compliance with insertion/extraction needs and long life durability
- Faceplate compliance with telecom flammability standards;
- UL 94 V-0 @ 1.5 mm, 5VA @ 2.0 mm, greater than 28% oxygen index rated
- SOFT-SHIELD® 5000 EMI gasket compliant with UL 94 V-0
- Elimination of secondary processing steps lowers total cost of ownership
- Air Dams molded from UL 94V-0 compliant PCABS (Cycology™ C6200)

# Product Information

## ATCA Compliant Standard

### Features:

- Functional Screw (2)
- Chomerics SOFT-SHIELD® 5000 EMI Gasket Profile 82-74101
- Guide Pins (2)
- No Front Label
- Faceplate portion molded in PREMIER™ UL94 V-0 A240-FRHF
- Air dam portion molded in UL 94V0 compliant PCABS (Cycology™ C6200)

Customization Features (Alpha-numeric part designation will be assigned by Chomerics instead of “S”):

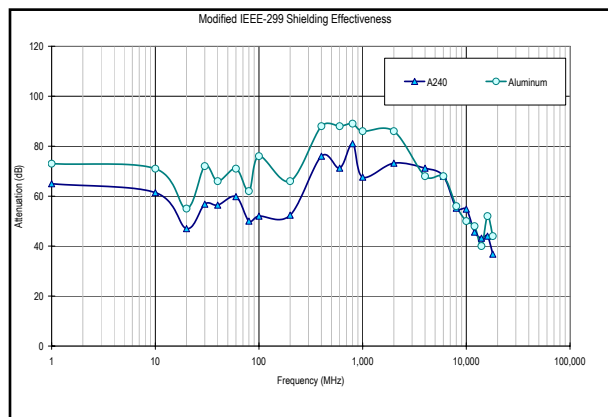
- Custom label supplied by customer, installed by Chomerics
- Wide range of customization features offered. Contact your local Chomerics representative for details

## Ordering Information

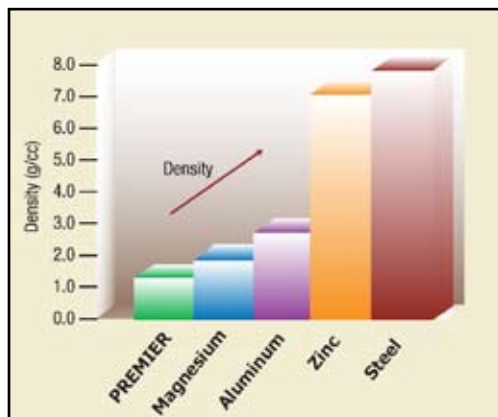
Use the following part number system to order PREMIER™ ATCA blank faceplates. For custom feature options, part numbers will be assigned by Chomerics.

ATCA-F-A240	ATCA Faceplate blank assembly with front air dam
ATCA-R-A240	ATCA Faceplate blank assembly with rear air dam
ATCA-N-A240	ATCA Faceplate blank assembly with no air dam
ATCA-FAD	ATCA front air dam only (270mm)
ATCA-RAD	ATCA rear air dam only (62mm)

## ATCA Faceplate IEEE-299 Shielding Effectiveness



## Density Comparison



© 2008 Parker Hannifin Corporation. All rights reserved. CHOMERICS is a registered trademark of Parker Hannifin Corporation. PREMIER is a trademark of Parker Hannifin Corporation. CYCOLOY is a trademark of Sabic Innovative Plastics.

For additional PREMIER technical data and test reports, Refer to:  
[www.parker.com/chomerics](http://www.parker.com/chomerics)

TB 1033 EN 3/08 Rev A



ENGINEERING YOUR SUCCESS.