



# Aerospace - Advanced Composites Materials

Only from Composites One



COMPOSITES ONE®

## Phenolic Prepreg Systems

### Gurit

- PH600
  - ABS 5047
- PF800
  - AIMS 05-10-009
  - AIMS 05-10-010
  - AIMS 05-10-018
  - AIMS 05-10-001
  - AIMS 05-10-002
  - AIMS 05-10-008
- PF801
  - ABS 5034
  - AIMS 05-10-013\*
  - AIMS 05-10-014\*
- \* qualification ongoing
  - ABS 5047
  - AIMS 05-10-019
  - AIMS 05-10-024
- PF808
  - ABS 5047
  - AIMS 05-10-008
  - AIMS 05-10-002
  - AIMS 05-10-009
  - AIMS-05-10-031 (S2 glass)
  - AIMS 05-10-032 (S2 glass)
- PF811
  - ABS 5047 (glass)
  - AIMS 05-10-023
  - AIMS 05-10-025
  - ABS 5034 (carbon)
  - AIMS 05-10-021
  - AIMS 05-10-026
- PF812
  - ABS 5047 (glass)
  - AIMS 05-10-023
  - AIMS 05-10-025
  - ABS 5034 (carbon)
  - AIMS 05-10-021
- PH831
  - ABS 5047
  - AIMS 05-10-001
  - AIMS 05-10-012
  - AIMS 05-10-003
  - AIMS 05-10-018
  - AIMS 05-10-009

## Epoxy Prepreg Systems

### Gurit

- EP121
  - ABS 5003
  - AIMS 05-10-016+
  - ABS 5672
  - AIMS 05-10-035
  - ABS 5009
- EP131
  - ABS 5671/72
  - AIMS 05-10-024/27
  - AIMS 05-20-001/2
- EP141
  - ABS 5672
  - AIMS 05-10-34

- EH420/EH420C
  - ABS 5009

### Hexcel NCAMP Prepreg

- NMS 128/1 - 8552 - AS4 Unitape
- NMS 128/2 - 8552 - IM7 Unitape
- NMS 128/3 - AS4 3k-PW Fabric

### Toray NCAMP Prepreg

- **Thermoset**
  - NMS 250/1 - BT250E-6 - IM7 Unitape
  - NMS 250/2 - BT250E-6 - AS4C 3k-PW Fabric
  - NMS 250/3 - BT250E-6 - S2 Unitape
  - NMS 688/2 - TC250 - 12k HTS Fabric
- **Thermoplastic:**
  - NMS 122/1 - TC1225 PAEK - T700 Unitape

## Composite Adhesives

### Paste Adhesives

#### Huntsman

- Araldite 501
  - HMS 16-1115 Ty 3, REV C, SUPP 1
- CG 1305 A/B
  - MDL8027, Ty 7, REV 1
  - BMS 5-28, Ty 7, CI 1, REV AN
  - SMS 116201, Ty 1, REV H
- Epibond 1210 A/ 9615-A
  - LAC 30-4639-0100, REV H
- Epibond 1210 A/ 9861
  - LAC 30-4639-0200, REV H
  - 23-P12027-0003, REV 7
  - 044418, REV A1
- Epibond 1210 A/B
  - CM 34,40-38-01, REV 3
- Epibond 1217 A/B
  - HMS 16-1068 CL 8B, REV P
  - Y105A053-101, REV B
  - MDM 16-1068 CL 8B, REV B
- Epibond 1534 A/B
  - BMS 5-126, Ty 2, CI 1 GR B, REV H
  - TS10430, REV D
- Epibond 1536 A/B
  - BMS 5-126, Ty 3, CI 1 GR B, REV H
- Epibond 1539 A/B
  - BMS 5-126, Ty 6, CI 1 GR B, REV H
- Epibond 1539 A/B-10
  - BMS 5-25, Ty 2, Gr 1, REV D
- Epibond 1539 A-71/D
  - BMS 5-126, Ty 4, CI 4, GR B, REV H
  - HMS A5-001, Ty 1, CI 1, REV E
- Epibond 1539-1 A/B
  - HMS A5-001, Ty 2, CI 3, REV E
- Epibond 1544-1 A/C
  - BMS 5-126, Ty 4, CI 1, GR B, REV H
- Epibond 1544-1 A-82/D
  - BMS 5-126, Ty 4, CI 4, GR B, REV H
  - GMS 124050 Iss 3
- Epibond 1565 A/B
  - D800-10411-1 (PDD 6-1)
- Epibond 420 A/B
  - BMS 5-107, CI 1, REV B
  - TCE-M-20710-4 Ty 1, REV B
- Epibond 8543 C/B
  - BMS 5-123, Ty 1, CI 3, REV F

- Epocast 1610-A1
  - BMS 5-28, Ty 10, REV AN
  - CDM212-00, Ty 13, REV J
  - C2-001, Ty 2, CLI GRA REV M
- Epocast 1614-A1
  - BMS 5-28, Ty 14, CI 1 REV AN
  - BMS 5-28, Ty 14, CI 2 REV AN
  - MMS 347, Type 2, REV G ADD 1 REV K
  - En-106G309, Iss 3
  - STM M1067, Ty 1 REV 1
  - STM M1067, Ty 2 REV 1
  - ACS-MRS-5601 REV C
  - PWA 452 REV L
  - RMS 027, Ty 12, REV AP SCO 036
  - SS 9587, (-008A) Type 3 REV 7
  - STM M1067 TY I & TYII REV B
  - 207-8-417 REV D
- Epocast 1614-A1-11/CSI
  - 901-330-140-107 REV C
- Epocast 1614-A1-59/CS
  - 901-031-442-111U REV C
- Epocast 1614-A1-62/CSI
  - 901-031-442-113U REV C
- Epocast 1614-A1-63/CSI
  - 901-031-442-115U REV C
- Epocast 1614-A1-64/CSI
  - HS5933 (A) 150-100 REV E
- Epocast 1614-A1-65/CSI
  - HS5933 (A) 150-35 REV E
- Epocast 1614-A1-66/CSI
  - HS5933 (A) 150-25 REV E
- Epocast 1614-A1-67/CSI
  - HS5933 (A) 100-25 REV E
- Epocast 1614-A1-68/CSI
  - HS5933 (A) 150-50 REV E
- Epocast 1614-A1-7/CSI
  - 901-031-442-101U REV C
- Epocast 1614-A1-8/CSI
  - 901-031-442-103U REV C
- Epocast 1614-A1-9/CSI
  - 901-031-442-105U REV C
- Epocast 1617 A/B
  - MDL08055 REV 1
  - BMS 5-28, Ty 17, REV AN
  - SMS 41, Ty 3, Iss 6
  - GMS 124047 Iss 3
  - CMS-007-4, REV IR
  - NP190112, Ty 17, REV C
  - RMS 027, Ty 5, CI 3, REV AP SCO 036
- Epocast 1618 D/B
  - BMS 5-28, Ty 18, CI 1, REV AN
- Epocast 1619 A/B
  - BMS 5-28, Ty 19, REV AN
- Epocast 1626 A/B
  - 299-947-097, Ty 5, REV V
  - BMS 5-28, Ty 26, Class 1, REV AN
- Epocast 1626 C1/ D2
  - BMS 5-28, Ty 26, CI 2, REV AN
  - SMS 116201, Ty 3, REV H
- Epocast 1627-2
  - RP1021209 ISS 2
  - BMS 5-28, Ty 27, REV AN
- Epocast 1628 A/B
  - BMS 5-28, Ty 28, REV AN
  - TEC-M-20710-6, Ty 1, REV B
- Epocast 1629 A/B
  - BMS 5-28, Ty 9, REV AN
  - M1074, Ty 2, REV C
  - BS 23818 CI 1, Ty 1, REV 5
- Epocast 1633 A/B
  - BMS 5-28, Ty 18, CI 2, REV AN
- Epocast 1635 A/B
  - BMS 5-28, Ty 31 REV AN
- Epocast 1636 A/B
  - BMS 5-28, Ty 6 REV AN
  - GMS 4005, Ty 1, CI C FMII REV B
  - CMS-007-3 REV IR
- Epocast 1652 A/B
  - PCS5606
  - MEP 10-051, Ty 2, CII, REV M
  - GM 4006, Ty 1, CI B FM1 REV B
  - GMS 4005, Ty1, CI B FM1 REV B
  - HS/DFO-010 REV D
  - STM-P-M134
  - SS-9587, Ty 2, REV 7
- Epocast 1656 A/B
  - GM 4006, Ty 1, CI B FM 1, REV B
  - CPW 505 REV D
  - VM 4006, Ty 1, CLD FM1
- Epocast 1661
  - PWA 36757, REV C
- Epocast 169 A-1/ 946
  - SS-9440, 0-001 A, REV O AMEND 0-04
- Epocast 169 A-1/9615
  - M1129 CI A, REV F
  - SS9587, Ty 1, REV 7
- Epocast 35 A / 927
  - BMS 8-214, Ty 1, REV G
- Epocast 50-A / 946
  - BMS 8-201, Ty 4, REV F
  - MEP 22-011, REV C
- Epocast 50-A / 9816
  - BMS 8-201, Ty 3, REV F
  - MEP 22-011, REV C
- Epocast 52 A/B
  - S-00-04036, Ty 1, REV A
  - IPS 08-01-002-01 Iss 4
  - ECS 0049 Part 1
  - AMS 2980
- Epocast 54 A/B
  - IPS 04-27-001-01 Iss 1
- Epocast 89537 A/B
  - I+D-N-200-Z-18.115/2 REV 3
  - MDL8027, Ty 7, REV 1
  - BMS 5-28, Ty 7, CI 2, REV AN
  - STM M1069
- Epocast 938-A2
  - BMS 5-28, Ty 12, CI 1&2, REV AN
  - BMS 5-28, Ty 13, REV AN
  - GM 4006, Ty 3, CIB, FM1 REV B
  - RMS 027, Ty 13, REV AP SCO 036
  - SMS 1162014, Ty 2, REV H
  - VM4006, Ty 2, CI B FM 1 AM 2
- Uralane 5759 G/D
  - BMS 5-105, Ty 3, REV M
- Uralane 5774 A/C
  - 13312291, REV G
  - BMS 5-105, Ty 5, REV M
  - GAA 100BNI, REV C
  - HMS A4-001, Ty 1, CI 2, REV G
  - NWC78A151, REV F

- Uralane 5776 A/B  
- 5675396, REV B  
- WS 9087, REV A
- Uralane 5779 A/B  
- BMS 5-105, Ty 6, REV M  
- HMS A4-001, Ty 1, CI 3, REV G
- Uralane 5779 A80/B  
- BMS 5-105, Ty 6, REV M

### Film Adhesives

#### 3M

- AF 10
- AF 126
- AF 130-2
- AF 131-2
- AF 143-2
- AF 147
- AF 163-2
- AF 163-2
- AF 191
- AF 30
- AF 31
- AF 3109-2
- AF 3185
- AF 32
- AF 42
- AF 46
- AF 555
- AF 6

### Core Splice Adhesive Films

#### 3M

- AF 3002
- AF 3024
- AF 3028
- AF 3028FR

### Cyanate Ester Resin Prepreg Systems

#### Gurit

- P900  
- ABS 5047  
- AIMS 05-10-015\*  
- AIMS 05-10-030  
- ABS 5736  
- AIMS 05-10-036

### High Temperature Tooling Resin

#### Surface Coat

#### Axson

- ESG215-1  
- Brunswick Defense Part Number T29264  
- Grumman Code # GR- 110PBI
- ES215-IHG  
- Boeing Spec # MMS-101 and M41-03-1 IHG  
- McDonnell Douglas J3808 Code # G-4  
- Brunswick Defense Part Number T13244

### Surface Coat Repair

#### Axson

- ESG215  
- Boeing Spec # MMS-101  
- M41-03-01 Code HPAP
- ADTECH P17  
- Boeing Spec # MMS-101  
- M41-03-01 Code HAP  
- Brunswick Defense Part Number T16093  
- McDonnell Douglas J3808 Code #P-2 and P-3

### Laminating Resin

#### Axson

- EL315-IHL  
- Boeing Spec # MMS-101  
- M41-03-01 Code RHL and IHL  
- McDonnell Douglas J3808 Code # L-3  
- Brunswick Defense Part Number T13245
- EL328 Resin  
- Grumman Code # GR-110PCI
- EL328 Hardener  
- Grumman Code # GR-110PC3

### Room Temperature Tooling Resin

#### Surface Coat

#### Axson

- ES201 PC  
- McDonnell Douglas J3808 Code #G-1
- ES211  
- Brunswick Defense Part Number T29265

### Surface Coat Repair

#### Axson

- ADTECH P14  
- Boeing MMS-101 (DPM6201 SPEC)  
- McDonnell Douglas J3808 Code #P-1

### Laminating Resin

#### Axson

- EL302 PC  
- McDonnell Douglas J3808 Code # L-1
- EL302 PCLP  
- Brunswick Defense Part Number T29263

### Syntactic Tooling Compound

#### Axson

- EL323TC  
- McDonnell Douglas J3808 Code # P-5
- EL323TC (Resin)  
- Grumman Code #GR110PUI
- EL323TC (Hardener)  
- Grumman Code #GC117HKI (Hardener)  
- Brunswick Defense Part Number T13247

### Surface Finishing Filler Paste

#### Axson

- ADTECH 15-3  
- Boeing Spec #BMS-5-136A Type II Class I  
- Boeing Dehaviland Spec # DSC 206-1  
- Boeing Dehaviland Spec # DSC 206-2  
- Boeing Dehaviland Spec # DSC 206-3  
- Cessna Spec #CMNP004 Rev. A Type I Class B Grade A  
- Grumman Standard GR110RH1
- ADTECH 15-3 Reducer Resin  
- Boeing Dehaviland Spec # DSC-206-4
- ADTECH P17 High Heat Resistant Filler  
- Brunswick Defense Part Number T16093

### Nomex Honeycomb Core

#### Advanced Honeycomb

- AHN 4120 Strengths to:  
- BMS-8-124  
- AMS-3711  
- MIL-C-81986

### High Temp PVC Foam Core

#### Diab

- Divinycell HT
- Divinycell F

#### Gurit

- HT 60
- HT 80

### PET Foam Core

#### Airex

- T90

#### Diab

- Divinycell P

### PEI Foam Core

#### Airex

- R82

### Carbon Fiber

#### Hexcel

- F3G282 PW 3K T300 Carbon  
- Qualified to BMS 9-8 TY1 CL2

### Tooling Board

- SikaAxson
- Rampf (Eastern Canada Only)

### Consumables

#### Vacuum Film

- HS8171  
- Goodrich-Rohr RIMS 1001, Bell MB 1312 J, De Havillan-Canada DSC 234-3, Boeing BMS 15-13, Bombardier DSC 541-1 & 541-2 & 541-3 & 541-4, Boeing MCS5900

#### Release Film

- A5000  
- Boeing BAC 5317 & BAC 5514 & BAC 5578 & BAC 5657, Bombardier DSC 541-19 & CMS 541-04, Goodrich-Rohr RIMS 1027, Bell 1679 G, STPB-73030, STPB-73103

#### Release Film

- A5000 P  
- Bell MB 1769 & MB 1731, Bombardier CMS 541-04, STPB-73030, STPB-73103, Boeing MCS5900

#### Release Fabric

- 200TFNP  
- Boeing BAC 5317, Goodrich-Rohr RIMS 1005, Bombardier CMS 541-7 & 541-13, DE Havillan-Canada DSC 234-7, Boeing MCS5900

#### Release Fabric

- 200TFP  
- De Havillan-Canada DSC 234-6, Bombardier CMS 541-13 & 541-6, Boeing BAC 5514, Goodrich-Rohr RIMS 1005, STPB-73103, Boeing MCS5900

#### Peel Ply

- 51789 Natural  
- Airbus, Boeing BAC 5317 & BAC 5514, Bombardier CMS 541-01, Bell 1361-S, STPB-73103

### Tooling Prepreg

#### Solvay

- LTM® 12
- LTM® 16
- DForm® Fabric





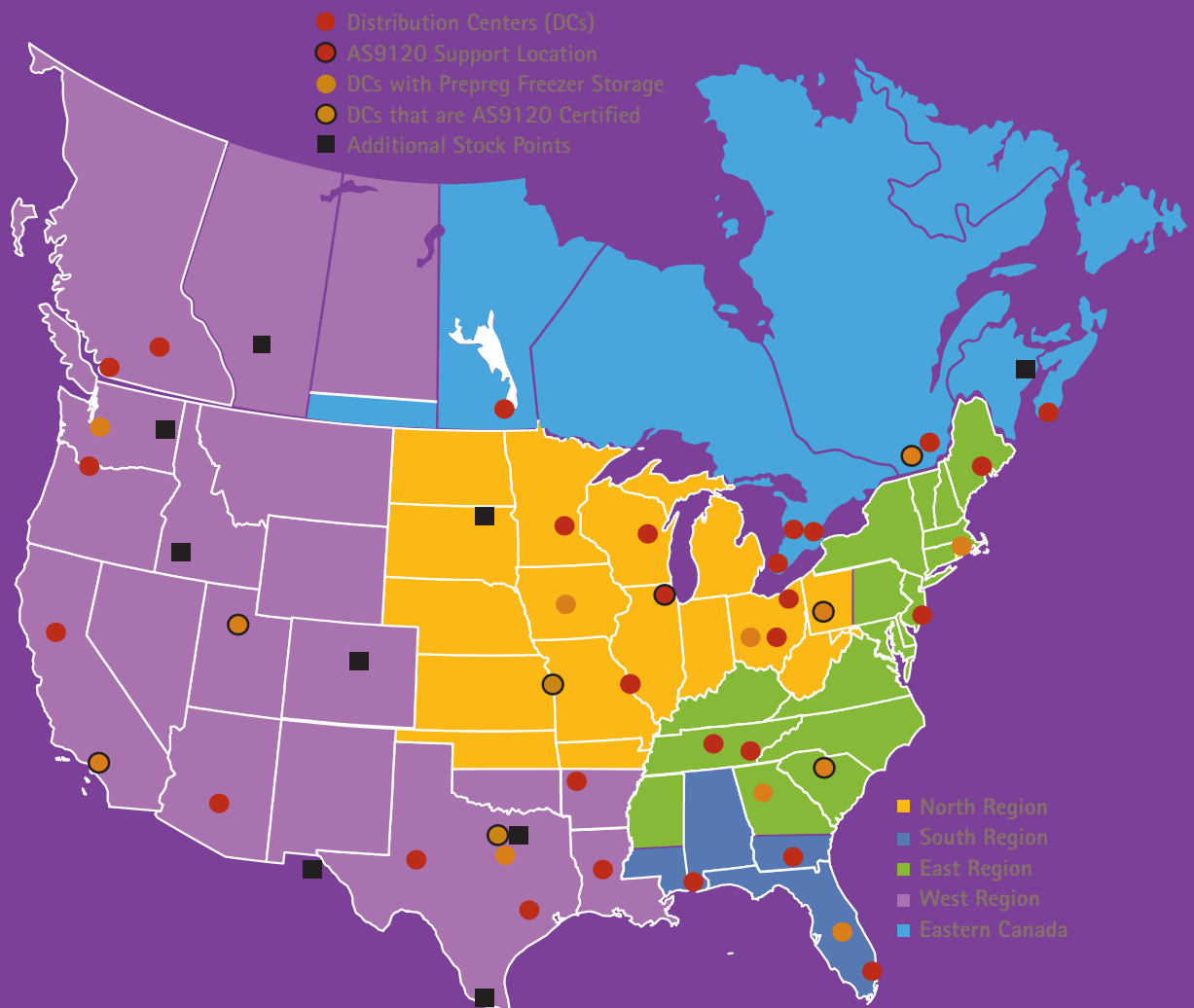
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Composites One is an AS9120 certified supplier that provides a unique partnership to Aerospace composite part manufacturers by significantly reducing lead-times for critical raw materials and process consumables. With easy and localized access to a wide material selection like prepreg and vacuum consumables, local frozen storage and delivery, and a team of technical support specialists, our Aerospace customers experience an enhanced level of dependability and responsiveness that provides avenues to efficiently solve problems and grow their business.

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## CORPORATE HEADQUARTERS

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Woodstock, IL 60098-0586  
800-435-6138

## SOUTH REGION

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Alexandria, LA 71303  
318-767-1501

**Andrews, Texas**  
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Valdosta, GA 31601  
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1801 S 28<sup>th</sup> St.  
Van Buren, AR 72956-6265  
800-457-7017

## EAST REGION

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**Millville, New Jersey**  
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## EASTERN CANADA

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905-495-0606

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902-745-2855

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866-650-3800

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519-737-0289

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