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| Published<br>by | Engineering<br>Standard | Callout  | Fostek<br>Product | Polymer      | Cells  | Comments  |
|-----------------|-------------------------|--|-------------------|--------------|--------|---|
|                 | GM6086M                 | all types  | 2996              | EPDM         | semi   | Replaced by GMW17408, see below                                   |
|                 | GMN11106                | all types  | 2996              | EPDM         | semi   | Replaced by GMW17408, see below                                   |
|                 | GMW3259                 | Mildew   | 3997              | EPDM         | closed |   |
| -               | GMW15473                | all types  | 2996.3            | EPDM         | semi   | Replaced by GMW17408, see below                                   |
| B<br>S<br>S     | GMW17408                | Class II Type II<br>Interior/Exterior/ Underhood | 2996              | EPDM         | semi   | Listed on General Motors Materials Approved Source List           |
|                 | GMW17408                | Class I Type I<br>Interior/Exterior              | 3996.3            | EPDM         | semi   | Listed on General Motors Materials Approved Source List           |
|                 | GMW17408                | Class I Type II<br>Interior/Exterior             | 3996.1            | EPDM         | semi   | Listed on General Motors Materials Approved Source List           |
|                 |                         | 1  |                   |              |        |   |
|                 | WSB-M3G212-A            |  | 2996 HD           | EPDM         | semi   | No exceptions   |
|                 | WSB-M3G212-A            |  | 2996              | EPDM         | semi   | Deviation to density and tensile                                  |
|                 | WSB-M3G212-A            |  | 2996.1            | EPDM         | semi   | Deviation to density and tensile                                  |
| _               | WSB-M3G212-A            |  | 3996              | EPDM         | semi   | Deviation to density and tensile                                  |
| Ford            | WSB-M3G212-A            | Town 4   | 3996.1            | EPDM         | semi   | Deviation to density and tensile                                  |
|                 | WSK-M2D419-A            | Type 1   | 2996              | EPDM         | semi   | No exceptions; water absorption tested to 43.1 added skin clause. |
|                 | WSK-M2D419-A            | Type 1   | 3996<br>3996.1    | EPDM         | semi   | No exceptions; water absorption tested to 43.1 added skin clause. |
|                 | WSK-M2D419-A            | Type 1   |                   | EPDM         | semi   | No exceptions; water absorption tested to 43.1 added skin clause. |
|                 | WSK-M2D419-A            | Type 2   | 3997              | EPDM         | closed | No exceptions   |
|                 | WSS-M99P48-B1           | Underhood/<br>Underbody/Exterior                 | 3996.1            | EPDM         | semi   |   |
|                 |                         | 0.1  | 0000              |              |        |   |
|                 | TSK 6505G               | 2A   | 2996              | EPDM         | semi   | No exceptions   |
|                 | TSK 6505G               | 2A   | 2996.1            | EPDM         | semi   | No exceptions   |
|                 | TSK 6505G               | 2A   | 2996.2            | EPDM         | semi   | No exceptions   |
|                 | TSK 6505G               | 2A   | 2996.3            | EPDM         | semi   | No exceptions   |
|                 | TSK 6505G               | 2A   | 3996              | EPDM         | semi   | No exceptions   |
| Ø               | TSK 6505G               | 2A   | 3996.1            | EPDM         | semi   | No exceptions   |
| o to            | TSK 6505G               | 2A   | 3996.2            | EPDM         | semi   | No exceptions   |
| Toyota          | TSK 6505G               | 2A   | 3996.3            | EPDM         | semi   | No exceptions   |
| ΪĔ              | TSK 6505G               | 2A   | 6996.1            | EPDM         | semi   | No exceptions   |
|                 | TSK 6505G               | 2A   | 8996.8            | EPDM         | semi   | No exceptions   |
|                 | TSK 6505G               | 2B   | 2997              | EPDM         | closed | No exceptions   |
|                 | TSK 6505G               | 2B   | 3997              | EPDM         | closed | No exceptions   |
|                 | TSM0500G                | Flammability                                     | all products      | EPDM         |        | Call for specific thicknesses                                     |
|                 | TSM1501G                | 1A0<br>2A1                                       | 3996.1<br>3997    | EPDM         | semi   |   |
|                 | TSM1501G                |  | 2991              | EPDM         | closed |   |
|                 | MS-AY-516               | Type 1   | XB41              | PVN          | closed | On the approved source list                                       |
|                 | MS-AY-430               | Туре 1   | 3996              | EPDM         | semi   | On the approved source list                                       |
| CA              | MS-AY-430               | Type 1   | 3996.1            | EPDM         | semi   | On the approved source list                                       |
| U U             | MS-AY-430               | Туре 2   | 2997              | EPDM         | closed | On the approved source list                                       |
| Stellantis/F    | MS-AY-430               | Type 2   | 3997              | EPDM         | closed |   |
| tis             | MS-AY-430               | Type 4   | 2999              | EPDM         | closed |   |
|                 | MS-A1-430<br>MS-AY-528  | See MS-AY-550                                    | 2333              |              | Closed |   |
|                 |                         | Grade A Type 1                                   | 3996.1            | EPDM         | semi   | Deviation to elongation   |
| te              | MS-AY-550               | Grade A Type 1<br>Grade A Type 2                 | 2996              |              | semi   |   |
| S               | MS-AY-550<br>MS-AY-550  | Grade A Type 2<br>Grade A Type 2                 | 3996              | EPDM<br>EPDM | semi   | On the approved source list                                       |
|                 | MS-AY-550<br>MS-AY-550  |  |                   | EPDM         | semi   | On the approved source list                                       |
|                 | WIG-AT-330              | Grade A Type 2                                   | 3996.1            |              | semi   |   |
| issan           | NES M0132               | Method 3 Class 3                                 | 3996.1            | EPDM         | semi   |   |
|                 |                         |  | 00004             |              |        |   |

| san | NES M0132 | Method 3 Class 3 | 3996.1 | EPDM | semi |  |
|-----|-----------|------------------|--------|------|------|--|
| Nis | NES M0402 | Method #2        | 3996.1 | EPDM | semi |  |

| Hyundai | MS260-13 | OR C0P | 3996.1 | EPDM | semi | Deviation to Hardness test method |
|---------|----------|--------|--------|------|------|-----------------------------------|
|---------|----------|--------|--------|------|------|-----------------------------------|

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### **ASTM D1056**

#### SEMI-OPEN/CLOSED CELL MATERIALS

| Callout                  | Fostek Product | Polymer | Comments   |
|--------------------------|----------------|---------|--|
| 1A0/2A0                  | 2996           | EPDM    | Additional suffixes can be added; water absorption tested to 42.1 added skin clause. |
| 1A0/2A0 Z = 7 kPa max    | 2996.1         | EPDM    | Additional suffixes can be added; water absorption tested to 42.1 added skin clause. |
| 1A0 Z1 = 2 kPa max       | 2996.3         | EPDM    | Additional suffixes can be added   |
| 1A0/2A0                  | 3996           | EPDM    | Additional suffixes can be added; water absorption tested to 42.1 added skin clause. |
| 1A0/2A0 Z = 7 kPa max    | 3996.1         | EPDM    | Additional suffixes can be added; water absorption tested to 42.1 added skin clause. |
| 1A0 Z1 = 2 kPa max       | 3996.3         | EPDM    | Additional suffixes can be added   |
| 1A0 Z1 = 2 kPa max @ 50% | 3996.4         | EPDM    | Additional suffixes can be added   |
| 2A0/2A1 Z = 5-20 kPa     | 3996.U         | EPDM    | Additional suffixes can be added; water absorption tested to 42.1 added skin clause. |
| 2A0 Z = 7.8 kPa max      | 6996.1         | EPDM    | Additional suffixes can be added; water absorption tested to 42.1 added skin clause. |
| 1A0/2A0 Z = 0.8-4.0 kPa  | 8996.8         | EPDM    | Additional suffixes can be added; water absorption tested to 42.1 added skin clause. |

#### **CLOSED CELL MATERIALS**

| Callout | Fostek Product | Polymer    | Comments                         |
|---------|----------------|------------|----------------------------------|
| 2A1     | 2997           | EPDM       | Additional suffixes can be added |
| 2A1     | 3997           | EPDM       | Additional suffixes can be added |
| 2A1     | 3998           | EPDM       | Additional suffixes can be added |
| 2A2     | 2999           | EPDM       | Additional suffixes can be added |
| 2A3     | 2995-1         | EPDM       | Additional suffixes can be added |
| 2A4     | 2995.2         | EPDM       | Additional suffixes can be added |
| 2B1/2C1 | XB41           | NBR/PVC    | Additional suffixes can be added |
| 2B1/2C1 | XPN1           | NBR/PVC    | Additional suffixes can be added |
| 2B1/2C1 | XiB1           | NBR/PVC/CR | Additional suffixes can be added |
| 2B2/2C2 | XiB2           | NBR/PVC/CR | Additional suffixes can be added |
| 2B3/2C3 | XiB3           | NBR/PVC/CR | Additional suffixes can be added |
| 2B1/2C1 | Xi41           | NBR/PVC/CR | Additional suffixes can be added |
| 2B2/2C2 | Xi42           | NBR/PVC/CR | Additional suffixes can be added |
| 2B3/2C3 | Xi43           | NBR/PVC/CR | Additional suffixes can be added |
| 2C2/2C3 | XCR3           | NBR/PVC/CR | Additional suffixes can be added |

| Published<br>by | Engineering<br>Standard | Callout               | Fostek<br>Product | Polymer  | Cells         | Comments |
|-----------------|-------------------------|-----------------------|-------------------|----------|---------------|----------|
| Σ               | D925                    | No Migration Staining | all products      | EPDM/PVN | semi & closed |          |
| ST              | D1149                   | Ozone                 | all products      | EPDM/PVN | semi & closed |          |
| < <p>▼</p>      | D1171                   | Ozone                 | all products      | EPDM/PVN | semi & closed |          |

| SAE    | J18      |                     | all products |          |               | See ASTM D1056  |  |  |
|--------|----------|---------------------|--------------|----------|---------------|---|--|--|
|        |          |                     |              |          |               |   |  |  |
| ज्ञ    | FMVSS302 | Flammability        | 2996 family  | EPDM     | semi          | 3 mm and higher   |  |  |
| ederal | FMVSS302 | Flammability        | 3996 family  | EPDM     | semi          | 3 mm and higher   |  |  |
| L R    | FMVSS302 | Flammability        | all products | EPDM/PVN | semi & closed | 3 mm and higher   |  |  |
|        |          |                     |              |          |               |   |  |  |
| ic     | SD2-207  | Par 6.13            | 3996.1       | EPDM     | semi          |   |  |  |
| Delphi | M6711    |                     | 2999         | EPDM     | closed        |   |  |  |
| ă      | M1864    |                     | 2995-1       | EPDM     | closed        |   |  |  |
|        |          |                     |              |          |               |   |  |  |
| 94     | HF-1     | 10 mm and above S1S | 3996.1       | EPDM     | semi          | Tested at an ISO17025 accredited lab for UL94HF testing |  |  |

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