

## GASKET CODES

GASKETS AND PACKINGS  
ENGINEERING STANDARD

|                        |          |
|------------------------|----------|
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U 2 A

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## 1. SCOPE

This standard describes Du Pont coded gaskets in Tables 1, 2, and 3. Obsolete Codes are identified in Table 4. Acceptable materials and vendors for Du Pont Codes are listed in SU2A. Refer to USA for assistance in gasket selection.

## 2. GENERAL

2.1 The prefix or initial letter of this Code designates the general classification: i.e., "G" for gaskets and "S" for gasket material in sheet form. The second part of the Code, is an arbitrary designation for identification.

2.2 The following ASTM rubber designations are used in Tables 1 and 4.

CR Neoprene  
EPDM Ethylene propylene terpolymer elastomer (Nardel®)  
NBR Nitrile butadiene rubber  
NR Natural rubber  
SBR Styrene butadiene rubber

Caution: On drawings specifying Du Pont Code numbers, reference should be made to SU2A which can be sent to Du Pont contractors to show acceptable materials and vendors for each Code number. Do not use U2A as a reference on drawings.

TABLE 1 - SHEET AND CUT GASKET CODES

| Du Pont Code |         | Description                                                 | Max Temp |     |
|--------------|---------|-------------------------------------------------------------|----------|-----|
|              |         |                                                             | °C       | °F  |
| S - 1        | G - 1   | Gray SBR bonded compressed white asbestos                   | 400      | 750 |
| S - 2        | G - 2   | Black SBR bonded compressed white asbestos                  | 400      | 750 |
| S - 3        | G - 3   | Brown 30 Durometer, NR gum rubber                           | 100      | 210 |
| S - 4        | G - 4   | Red 75 Durometer, NR or SBR rubber                          | 100      | 210 |
| S - 6        | G - 6   | Black 60 Durometer, acid-resistant filler, NR or SBR rubber | 100      | 210 |
| S - 7        | G - 7   | White SBR coated, wire inserted, woven-asbestos cloth       | 325      | 600 |
|              | G - 8   | Folded and formed S - 7                                     | 325      | 600 |
| S - 10       | G - 10  | Black 35 Durometer, CR neoprene                             | 100      | 210 |
| S - 11       | G - 11  | Black 60 Durometer, CR neoprene                             | 100      | 210 |
| S - 12       | G - 12  | Black 75 Durometer, CR neoprene                             | 100      | 210 |
| S - 14       | G - 14  | Compressed plant fibre                                      | 100      | 200 |
| S - 20       | G - 20  | Black 70 Durometer, EPDM "Nardel"                           | 175      | 350 |
| S - 35       | G - 35  | White 55 Durometer, CR neoprene                             | 100      | 210 |
| S - 40       | G - 40  | Black NBR bonded compressed white asbestos                  | 400      | 750 |
| S - 45       | G - 45  | Black 60 Durometer, NBR rubber                              | 125      | 250 |
| S - 48       | -       | Teflon® TFE, multifilament braided tape                     | 300      | 550 |
| S - 49A      | G - 49A | "Teflon" TFE, 20 to 30 percent glass fiber filler           | 300      | 550 |
| S - 49F      | G - 49F | "Teflon" TFE, 25 to 30 percent calcium fluoride filler      | 300      | 550 |
| S - 50       | G - 50  | White "Teflon" TFE                                          | 290      | 550 |

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SUBCOMMITTEE NO. 10



DUP 0372271

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DUP-779

DU 000410

TABLE 2 - "TEFLON" ENVELOPE GASKET CODES

| Du Pont<br>Code | Envelope |                                             | Size-<br>Inside<br>Dia<br>(In.) | Filler                      |                    |                                        |                         |                           | Max Temp<br>°C °F |     |
|-----------------|----------|---------------------------------------------|---------------------------------|-----------------------------|--------------------|----------------------------------------|-------------------------|---------------------------|-------------------|-----|
|                 | Type*    | Material                                    |                                 | Total<br>Thickness<br>(In.) | Center Insert      |                                        | Outer Inserts           |                           |                   |     |
|                 |          |                                             |                                 |                             | Thickness<br>(In.) | Material                               | Thick-<br>ness<br>(In.) | Material                  |                   |     |
| G-52            | Square   | White<br>"Teflon"<br>TFE 1/64<br>inch thick | All                             | 1/16                        | 1/16               | Reinforced neoprene                    | None                    | None                      | 150               | 300 |
| G-53            | V        |                                             | All                             | 1/8                         | 1/8                |                                        | None                    | None                      |                   |     |
| G-54            | Square   |                                             |                                 |                             |                    |                                        |                         |                           |                   |     |
| G-55            | V        |                                             |                                 |                             |                    |                                        |                         |                           |                   |     |
| G-58            | Square   |                                             | 6" and under                    | 1/16                        | 1/16               | Du Pont Code S-1                       | None                    | None                      | 290               | 550 |
| G-59            | V        |                                             | 8" and over                     | 1/8                         | 1/8                |                                        |                         |                           |                   |     |
|                 |          |                                             | 6" and under                    | 1/16                        | 1/16               |                                        |                         |                           |                   |     |
|                 |          |                                             | 8" and over                     | 1/8                         | 1/8                |                                        |                         |                           |                   |     |
| G-60            | V        |                                             | 54" and under                   | 3/16                        | 1/16               | Corrugated Type 304<br>stainless steel | 1/16                    | White<br>asbestos<br>felt |                   |     |
|                 |          |                                             | 55" and over                    | 1/4                         | 1/8                |                                        | 1/16                    |                           |                   |     |
| G-61            | V        |                                             | 1 1/2" and under                | 3/16                        | 1/16               |                                        | 1/16                    |                           |                   |     |
|                 |          | 2" thru 59"                                 | 5/16                            | 1/16                        | 3/16               |                                        |                         |                           |                   |     |
|                 |          | 60" and over                                | 7/16                            | 1/16                        |                    |                                        |                         |                           |                   |     |

\* Envelopes over 12" may be formed of "Teflon" TFE tape, fusion welded at joint

TABLE 3 - SPIRAL-WOUND METAL GASKET CODES

| Du Pont Code | Flange<br>Rating<br>(Lb) | Filler         |        |                 | Tape     |                 | Description          | Max Temp |     |
|--------------|--------------------------|----------------|--------|-----------------|----------|-----------------|----------------------|----------|-----|
|              |                          | Material       | Binder | Color<br>Code A | Material | Color<br>Code A |                      | °C       | °F  |
| G-62         | 150                      | White asbestos | SBR    | -               | 304 SST  | Yellow          | 0.175" thick gasket  | 450      | 850 |
| G-62-6       |                          |                |        |                 | 316 SST  | Green           | 0.125" thick carbon  |          |     |
| G-62T        |                          | "Teflon"       | -      | White           | 304 SST  | Yellow          | steel centering ring | 290      | 550 |
| G-62T6       |                          | TFE Tape       |        |                 | 316 SST  | Green           |                      |          |     |
| G-63         | 300                      | White asbestos | SBR    | -               | 304 SST  | Yellow          |                      | 450      | 850 |
| G-63-6       |                          |                |        |                 | 316 SST  | Green           |                      |          |     |
| G-63T        |                          | "Teflon"       | -      | White           | 304 SST  | Yellow          |                      | 290      | 550 |
| G-63T6       |                          | TFE Tape       |        |                 | 316 SST  | Green           |                      |          |     |
| G-64         | 600                      | White asbestos | SBR    | -               | 304 SST  | Yellow          |                      | 450      | 850 |
| G-65         | 900                      |                |        |                 |          |                 |                      |          |     |
| G-66         | 1500                     |                |        |                 |          |                 |                      |          |     |
| G-67         | 2500                     |                |        |                 |          |                 |                      |          |     |

A solid color over the outside edge of the centering ring identifies the tape material. The filler material is identified with three or more stripes over the tape color

TABLE 4 - OBSOLETE GASKET CODES

| Du Pont Code | Description                                                                 | Date<br>Obsolete |
|--------------|-----------------------------------------------------------------------------|------------------|
| S-5          | 80 Durometer NR or SBR rubber                                               | Dec 1949         |
| S-17         | CR bonded compressed white asbestos                                         | Dec 1949         |
| G-9          | Compressed Blue-African asbestos, Buna S bonded, acid-resistant fillers     | Feb 1974         |
| G-56         | Square "Teflon" envelope gasket, Code S-1 center, asbestos cloth both sides | Jan 1967         |
| G-57         | Same as G-56 except with V "Teflon" envelope                                | Jan 1967         |
| G-62 B       | Blue African asbestos, NBR binder, 304 SST tape spiral-wound metal gasket   | Feb 1974         |
| G-63 B       |                                                                             |                  |
| G-64 B       |                                                                             |                  |
| G-65 B       |                                                                             |                  |
| G-66 B       |                                                                             |                  |
| G-67 B       |                                                                             |                  |

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