

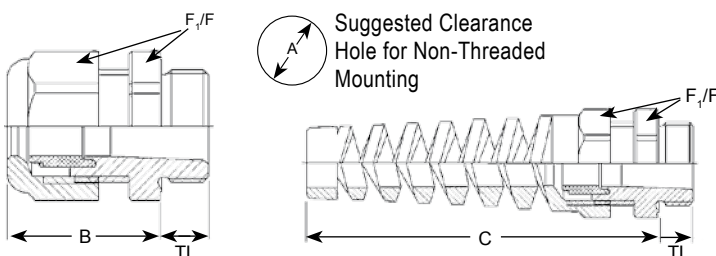


| Part Numbers                    |           |               |           | Cable Range           | Thread Type & Size           | Dimensions in Inches (mm) |                    |                    |               |                       |
|---------------------------------|-----------|---------------|-----------|-----------------------|------------------------------|---------------------------|--------------------|--------------------|---------------|-----------------------|
| -40°F to 212°F (-40°C to 100°C) |           |               |           |                       |                              | A                         | B                  | C                  | TL            | F <sub>1</sub> /F     |
| Dome Fittings                   |           | Flex Fittings |           | Inches (mm)           | See Page 56 for thread specs | Clearance Hole            | Body Length (Dome) | Body Length (Flex) | Thread Length | Wrench Flats          |
| Black                           | Gray      | Black         | Gray      |                       |                              | + .01" (+.25 mm)          |                    |                    |               |                       |
| CD12MA-BK                       | CD12MA-GY | CF12MA-BK     | CF12MA-GY | .12 - .26 (3 - 6.5)   | M12 X 1.5                    | .47 (12)                  | .83 (21)           | 2.13 (54)          | .31 (8)       | .59 (15)              |
| CD12MR-BK                       | CD12MR-GY | CF12MR-BK     | CF12MR-GY | .08 - .20 (2 - 5)     |                              |                           |                    |                    |               |                       |
| CD16MA-BK                       | CD16MA-GY | CF16MA-BK     | CF16MA-GY | .16 - .31 (4 - 8)     | M16 X 1.5                    | .63 (16)                  | .87 (22)           | 2.48 (63)          | .31 (8)       | .75 (19)              |
| CD16MR-BK                       | CD16MR-GY | CF16MR-BK     | CF16MR-GY | .08 - .24 (2 - 6)     |                              |                           |                    |                    |               |                       |
| CD17MA-BK                       | CD17MA-GY | CF17MA-BK     | CF17MA-GY | .20 - .39 (5 - 10)    | M16 X 1.5 Enlarged           | .63 (16)                  | .98 (25)           | 3.07 (78)          | .31 (8)       | .87 (22)              |
| CD17MR-BK                       | CD17MR-GY | CF17MR-BK     | CF17MR-GY | .12 - .28 (3 - 7)     |                              |                           |                    |                    |               |                       |
| CD20MA-BK                       | CD20MA-GY | CF20MA-BK     | CF20MA-GY | .24 - .47 (6 - 12)    | M20 X 1.5                    | .79 (20)                  | 1.06 (27)          | 3.54 (90)          | .35 (9)       | .94 (24)              |
| CD20MR-BK                       | CD20MR-GY | CF20MR-BK     | CF20MR-GY | .20 - .35 (5 - 9)     |                              |                           |                    |                    |               |                       |
| CD22MA-BK                       | CD22MA-GY | CF22MA-BK     | CF22MA-GY | .39 - .55 (10 - 14)   | M20 X 1.5 Enlarged           | .79 (20)                  | 1.10 (28)          | 3.94 (100)         | .39 (10)      | 1.06 (27)             |
| CD22MR-BK                       | CD22MR-GY | CF22MR-BK     | CF22MR-GY | .28 - .47 (7-12)      |                              |                           |                    |                    |               |                       |
| CD25MA-BK                       | CD25MA-GY | CF25MA-BK     | CF25MA-GY | .51 - .71 (13 - 18)   | M25 X 1.5                    | .98 (25)                  | 1.22 (31)          | 4.49 (114)         | .43 (11)      | 1.30 (33)             |
| CD25MR-BK                       | CD25MR-GY | CF25MR-BK     | CF25MR-GY | .35 - .63 (9 - 16)    |                              |                           |                    |                    |               |                       |
| CD32MA-BK                       | CD32MA-GY | -             | -         | .71 - .98 (18 - 25)   | M32 X 1.5                    | 1.26 (32)                 | 1.54 (39)          | -                  | .43 (11)      | 1.65 (42)             |
| CD32MR-BK                       | CD32MR-GY | -             | -         | .51 - .79 (13 - 20)   |                              |                           |                    |                    |               |                       |
| CD40MA-BK                       | CD40MA-GY | -             | -         | .87 - 1.26 (22 - 32)  | M40 X 1.5                    | 1.57 (40)                 | 1.89 (48)          | -                  | .51 (13)      | 2.09 (53)             |
| CD40MR-BK                       | CD40MR-GY | -             | -         | .79 - 1.02 (20 - 26)  |                              |                           |                    |                    |               |                       |
| CD50MA-BK                       | CD50MA-GY | -             | -         | 1.26 - 1.50 (32 - 38) | M50 X 1.5                    | 1.97 (50)                 | 1.93 (49)          | -                  | .51 (13)      | 2.36 (60)             |
| CD50MR-BK                       | CD50MR-GY | -             | -         | .98 - 1.22 (25 - 31)  |                              |                           |                    |                    |               |                       |
| CD63MA-BK                       | CD63MA-GY | -             | -         | 1.46 - 1.73 (37 - 44) | M63 X 1.5                    | 2.48 (63)                 | 1.93 (49)          | -                  | .55 (14)      | 2.56 (65) / 2.68 (68) |
| CD63MR-BK                       | CD63MR-GY | -             | -         | 1.14 - 1.38 (29 - 35) |                              |                           |                    |                    |               |                       |

\*UL f1 (746C) rating applies to Black Nylon Fittings only.



Installs in either knockout or threaded holes.



Suggested Clearance Hole for Non-Threaded Mounting

Dome Fittings also available with the following approvals:



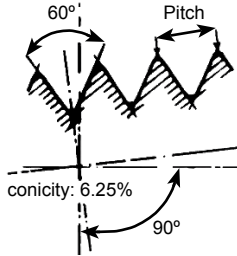
www.SealconEX.com



Optional Locking Nuts, O-Rings & Other Accessories starting on Page 29 - 40.

### NPT Threads

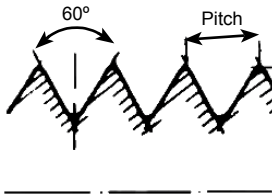
| Thread Size               | 1/4" NPT    | 3/8" NPT      | 1/2" NPT     | 3/4" NPT     | 1" NPT        | 1-1/4" NPT    | 1-1/2" NPT   | 2" NPT         |
|---------------------------|-------------|---------------|--------------|--------------|---------------|---------------|--------------|----------------|
| Major Dia. in Inches (mm) | .54 (13.72) | .675 (17.145) | .84 (21.336) | 1.05 (26.67) | 1.314 (33.40) | 1.66 (42.164) | 1.90 (48.26) | 2.375 (60.325) |
| Pitch in Inches (mm)      | .056 (1.41) | .056 (1.411)  | .071 (1.814) | .071 (1.814) | .087 (2.208)  | .087 (2.208)  | .087 (2.208) | .087 (2.208)   |
| Threads per Inch          | 18          | 18            | 14           | 14           | 11.5          | 11.5          | 11.5         | 11.5           |



- NPT Thread = National Pipe Thread
- Taper rate for all NPT threads is 1/16
- The taper on NPT threads allows them to form a seal when torqued as the flanks of the threads compress against each other, as opposed to straight thread fittings

### Metric Threads

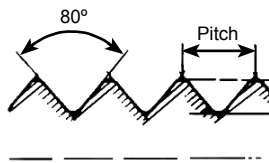
| Thread Size               | M6         | M8         | M10         | M12         | M16        | M20        | M25        | M32        | M40        | M50        | M63        |
|---------------------------|------------|------------|-------------|-------------|------------|------------|------------|------------|------------|------------|------------|
| Major Dia. in Inches (mm) | .24 (6)    | .31 (8)    | .39 (10)    | .47 (12)    | .63 (16)   | .79 (20)   | .98 (25)   | 1.26 (32)  | 1.57 (40)  | 1.97 (50)  | 2.48 (63)  |
| Pitch in Inches (mm)      | .04 (1)    | .05 (1.25) | .06 (1.5)   | .059 (1.5)  | .059 (1.5) | .059 (1.5) | .059 (1.5) | .059 (1.5) | .059 (1.5) | .059 (1.5) | .059 (1.5) |
| Thru Hole in Inches (mm)  | .251 (6.4) | .33 (8.4)  | .413 (10.5) | .492 (12.5) | .63 (16)   | .79 (20)   | .98 (25)   | 1.26 (32)  | 1.57 (40)  | 1.97 (50)  | 2.48 (63)  |



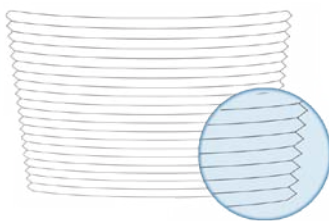
- World-wide most commonly used type thread
- Characterized by its major diameter and its pitch
- Designated by the letter M followed by the value of the nominal diameter and the pitch, both expressed in millimeters and separated by the multiplication sign 'x' (i.e. M12 x 1.5)

### PG Threads

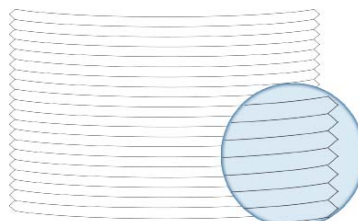
| Thread Size               | PG 7       | PG 9        | PG 11       | PG 13 / 13.5 | PG 16       | PG 21       | PG 29       | PG 36       | PG 42       | PG 48       |
|---------------------------|------------|-------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Major Dia. in Inches (mm) | .49 (12.5) | .60 (15.2)  | .73 (18.6)  | .80 (20.4)   | .89 (22.5)  | 1.11 (28.3) | 1.46 (37)   | 1.85 (47)   | 2.13 (54)   | 2.39 (59.3) |
| Pitch in Inches (mm)      | .05 (1.27) | .056 (1.41) | .056 (1.41) | .056 (1.41)  | .056 (1.41) | .062 (1.59) | .062 (1.59) | .062 (1.59) | .062 (1.59) | .062 (1.59) |
| Thru Hole in Inches (mm)  | .50 (12.7) | .606 (15.4) | .74 (18.8)  | .8149 (20.7) | .897 (22.8) | 1.12 (28.6) | 1.47 (37.4) | 1.87 (47.5) | 2.14 (54.5) | 2.35 (59.8) |



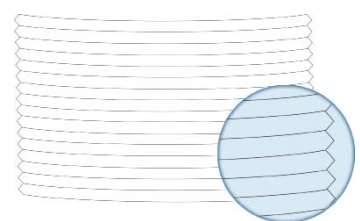
- PG Thread = Panzer-Gewinde (also Panzer-Rohr-Gewinde)
- German thread type
- Depth of thread smaller than NPT or Metric, but larger flank angle
- Straight thread



**NPT Threads**  
(Tapered)



**Metric Threads**  
(Straight)



**PG Threads**  
(Straight)