MultiFlex™ combines excellent flexibility with a high pressure rating. The seamless open pitch, spiral PTFE convolutions facilitate cleaning because they’re self-draining. MultiFlex is perfect for demanding high purity and chemical applications. Available in sizes 1/2” to 3”.

**MULTIFLEX™ ADVANTAGES**

**Corrosion Resistant**
PTFE is fully resistant to the broadest range of industrial chemicals and has a zero corrosion rate with lower life cycle costs.

**Cleanable**
Non-Stick, low porosity tube is self cleaning and does not trap bacteria and can be cleaned with steam, detergents, caustics or solvents.

**Sanitary**
FDA- approved materials meet or exceed Pharmacopoeia class VI and 3A standards.

**Compatible**
Will not contaminate or impart a taste, color or odor to any media.

**Flexible**
Ultra flexible engineered design that resists cracking and stress corroding.

**Durable**
Engineered for extended use in hostile environments involving severe chemical, thermal, and mechanical stresses. Does not suffer from aging or embrittlement like rubber even with extreme thermal cycling.

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**MultiFlex™ & ProFlex™ Stainless Braid Ratings**

**MultiFlex™ & ProFlex™ Polypropylene Braid Ratings**
CNC Machining

PureFlex has (24) CNC machining centers and manufactures the most diverse fitting and collar selection in the industry. Because of its machining expertise, PureFlex can also offer a wide range of materials including; Stainless steel, carbon steel, Monel, Hastelloy, titanium, solid PVDF, solid Polypropylene and any other plastic or alloy requested.
Hose Cover Options

1. **SCUFF SLEEVE**
   - Protects hose exterior from damage when dragged over rough surfaces.

2. **FIRE SLEEVE**
   - Protects hose from extreme exterior temperatures. Can be used as insulation and protects personnel from extreme interior temperatures.

3. **POLYOLEFIN**
   - Provides a smooth, cleanable covering over braided hose. Many colors available.

4. **ARMOR GUARD**
   - Protects hose from kinking by not allowing it to exceed its bend radius.

5. **SPRING GUARD**
   - Provides kink resistance and protects hose from damage when dragged over rough surfaces.

6. **HDPE ARMOR**
   - Provides kink and wear protection during rough handling. Available in 6 colors for color coding and is the only protective cover that can be installed on an existing assembly.

Electrically Heated Hoses & Controls
Consult Factory for more information

Custom Fabricated Assemblies
MultiFlex hose with integral FEP sight gauge shown

PureFlex acid etches a unique serial number on every assembly 3/4" and larger. Other special tagging available

Durcor-62™ Composite Flanges

- Strong As Steel
- 1/4 The Weight Of Stainless
- Class 150 Rated
- ANSI B16.5
- (-)60°F to (+)300°F
- Lower Cost Then 316s.s.
- Lower Transportation Cost
- Lower Installed Cost
- Lower Life Cycle Cost
- Zero Corrosion Rate
- 5 Year Warranty

Ph. 616.554-1100  www.pureflex.com  Fax 616.554-3633
HOW TO ORDER

ULTRAFLEX HOSE ASSEMBLY NUMBERING SYSTEM

Steps to order a 1" UltraFlex assembly with a length of 12", 316SS male NPT one end, 316SS JIC other end. No options.

Sample part number: 016J036306001200

**STEP A1** Hose Series
U = UltraFlex
M = MultiFlex
P = ProFlex

**STEP 1** Determine I.D. of UltraFlex tube: 16 = 1"
08 = 1/2"
12 = 3/4"
16 = 1"
24 = 1 1/2"
32 = 2"
48 = 3"
64 = 4"

**STEP 2** Determine hose product code: J
U = Bare
J = SS Braid
P = PP Braid
S = Special

**STEP 3** Determine fitting style of 1st end:
03 = Male NPT
04 = Male pipe NPT
06 = Female pipe NPT
30 = JIC female swivel
33 = Male union (NPT)
36 = Female union (NPT)
37 = Female swivel NPSH

**STEP 4** Determine fitting material: 6 = 316SS
4 = 304SS
6 = 316SS
C = Carbon steel
T = TFE encapsulated
H = Hastelloy
M = Monel
A = Alloy 20
K = Kynar
P = Polypropylene

**STEP 5** Determine fitting style of 2nd end:
30 = JIC
33 = Male union (NPT)
36 = Female union (NPT)
37 = Female swivel NPSH

**STEP 6** Determine fitting material: 6 = 316SS
4 = 304SS
6 = 316SS
C = Carbon steel
T = TFE encapsulated
H = Hastelloy
M = Monel
A = Alloy 20
K = Kynar
P = Polypropylene

**STEP 7** Determine flange material: 0 = None
D = None
D = Ductile iron
C = Carbon steel
4 = 304SS
6 = 316SS
K = Kynar
P = Polypropylene

**STEP 8** Determine overall length of UltraFlex hose in inches:
0120 = 12"

**STEP 9** Determine options: 0 = None
D = None
B = Conductive hose liner
Z = 300# Flg
L = Locking female cam
S = Spring guard
A = Armor guard
F = Firesleeve
P = Polylefin cover
T = TFE shrink cover
H = Hypalon cover
N = Nylon scuff guard
D = HDPE Armor

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