



**COBRA WHITE HU**

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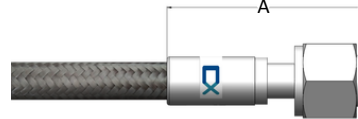
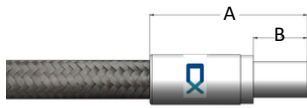
- Stainless steel braided, virgin, smooth bore PTFE hose with Polyurethane cover
- High Abrasion resistancy. PU cover protects the braiding of the hose against contaminants, wear and raveling
- Very low, near to zero, parts per billion emissions of volatile organic compounds.
- Use case: chemical compatibility and permeation resistance. Ideal for cooling lines (DI water, DI-glycol) and utility connectios outside process chambers

**CoreDux base hose range**

| Nominal Hose Size [mm. (in)] | Hose material | Braid material | Cover Material | Hose Inside dia. [mm. (in)] | Hose outside dia. [mm. (in)] | Minimum centre line bend radius | Working pressure at 20°C (70°F) [bar (psig)] | Minimum Burst Pressure at 20°C (70°F) [bar (psig)] | Temp. Range [°C (°F)]    |
|------------------------------|---------------|----------------|----------------|-----------------------------|------------------------------|---------------------------------|--|--|--------------------------|
|                              |               |                |                |                             |                              | Static [mm. (in)]               |  |  |                          |
| DN08<br>5/16"                | PTFE          | 304 SS         | Poly-urethane  | 8,1<br>(0.32)               | 14,3<br>(0.56)               | 102 (4)                         | 172 (2500)                                   | 826 (12.000)                                       | -20 to 70<br>(-4 to 158) |
| DN10<br>13/32"               | PTFE          | 304 SS         | Poly-urethane  | 9,7<br>(0.38)               | 16,7<br>(0.66)               | 127 (5)                         | 138 (2000)                                   | 552 (8000)   | -20 to 70<br>(-4 to 158) |
| DN12<br>1/2"                 | PTFE          | 304 SS         | Poly-urethane  | 12,95<br>(0.51)             | 19,2<br>(0.76)               | 165 (6.5)                       | 103 (1500)                                   | 412 (6000)   | -20 to 70<br>(-4 to 158) |
| DN16<br>5/8"                 | PTFE          | 304 SS         | Poly-urethane  | 16,1<br>(0.63)              | 22,1<br>(0.87)               | 191 (7.5)                       | 86 (1200)                                    | 332 (4800)   | -20 to 70<br>(-4 to 158) |
| DN22<br>7/8"                 | PTFE          | 304 SS         | Poly-urethane  | 22,2<br>(0.87)              | 29,5<br>(1.16)               | 229 (9)                         | 69 (1000)                                    | 275 (4000)   | -20 to 70<br>(-4 to 158) |

## COBRA WHITE HU

### End connections



#### Tube Adapter

#### Metal Face Seal Male\*

#### Metal Face Seal Female\*

*\*Male and female adapter not available in 3/8"*

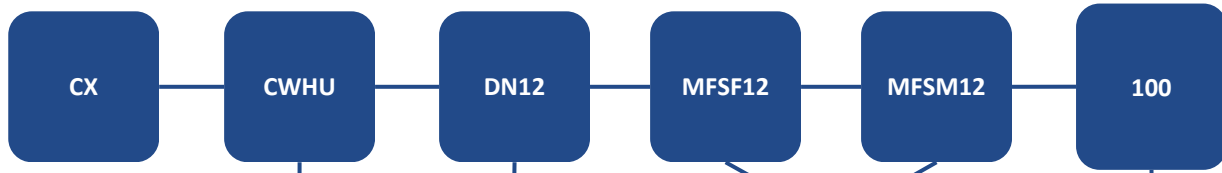
*Working pressure - temperature ratings may be limited by the end connections.*

*CoreDux integrates all A-brand suppliers, customer specifications are leading.*

| Nominal<br>Hose Size<br>[mm.(in)] | Tube Adapter                   |                                |                       |                            | MFSM                  | MFSF                  |
|-----------------------------------|--------------------------------|--------------------------------|-----------------------|----------------------------|-----------------------|-----------------------|
|                                   | Wall<br>thickness<br>[mm.(in)] | Stub Outside<br>Dia. [mm.(in)] | Length A<br>[mm.(in)] | Length B<br>[mm.<br>(in.)] | Length A<br>[mm.(in)] | Length A<br>[mm.(in)] |
| DN08 5/16"                        | 0,89 (0.035)                   | 6,35 (0.25)                    | 47,5 (1.87)           | 19 (0.75)                  | 78 (3.07)             | 62,7 (2.47)           |
| DN10 13/32"                       | 0,89 (0.035)                   | 9,53 (0.375)                   | 55,5 (2.19)           | 19 (0.75)                  | N/A                   | N/A                   |
| DN12 1/2"                         | 1,24 (0.048)                   | 12,7 (0.5)                     | 55,5 (2.19)           | 19 (0.75)                  | 88,3 (2.19)           | 71,3 (2.81)           |
| DN16 5/8"                         | 1,24 (0.048)                   | 19,05 (0.75)                   | 75,5 (2.97)           | 27 (1.06)                  | 126,3 (4.97)          | 126,3 (4.97)          |
| DN22 7/8"                         | 1,65 (0.064)                   | 25,4 (1)                       | 85,5 (3.37)           | 27 (1.06)                  | 141,9 (5.59)          | 141,9 (5.59)          |



**COBRA WHITE HU**  
Ordering instructions



**Product type:**

- Cobra White HU = CWHU

**Diameter:**

- DN08 = 5/16"
- DN10 = 13/32"
- DN12 = 1/2"
- DN16 = 5/8"
- DN22 = 7/8"

**Fittings:**

- MFSF = Metal Face Seal Female
- MFSM = Metal Face Seal Male
- TA = Tube adapter

**Length:**

*Our standard sizes are measured in inches. If you request a product in CM, please specifically note CM in your request.*

**Options:**

- Labelling requirements

**Compliance**

- EN ISO 9001
- EN 16643

**Cleanliness**

- In accordance with CoreDux Standard Cleaning (white room)

**Packaging**

- Each hose is bagged individually and boxed. Longer hoses are coiled, bagged and boxed

**Product tests**

- Hydraulic proof on 100% assembly hose at 70 bars for TA and at maximal working pressure for RF and RM
- Additional option: air bubble at 15 bars and hydraulic proof with specific pressure asking by customer

**CoreDux Standard Cleaning (white room)\***

**Scope:**

- CoreDux specification defines the cleaning requirements for Standard CoreDux products and describes the practices used to meet these requirements.
- It covers basic industrial procedures. The system designer and user should review this specification to determine whether it meets the users cleaning needs.

**Cleanliness requirements:**

- Products shall be visually clean and dry to the touch.
- Products are cleaned to remove fluids, lubricants, or compounds that typically remain following industrial manufacturing process (such as oil, grease, water, solvent, lapping compounds, etc).
- Products are cleaned to remove debris such as dirt, chips, buffing or grinding residue, or other foreign substances.
- Water and solvents spots, or other cleaning residues may be present in small or light amounts.
- Sealing and wetted surfaces are inspected by unaided eye with additional bright lighting (such as a desk lamp) as part geometry allows.
- External, non-functional surfaces are visually inspected under normal shop lighting.

**Cleaning practice:**

Components are cleaned using typical cleaning methods as appropriate for the applicable materials, part geometry, and preceding manufacturing processes. Typical cleaning methods include alkaline solutions, rinsing, immersion, solvents, ultrasonic agitation, vapor degreasing, etc. All aqueous cleaning methods and rinses use demineralized water.