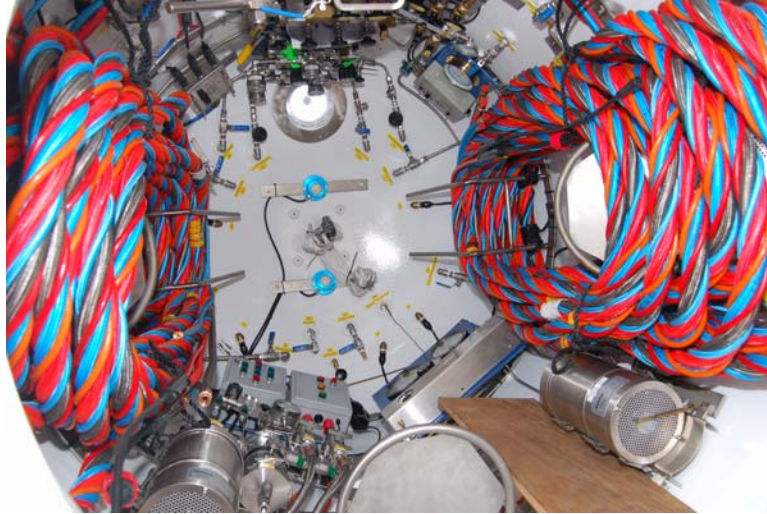


Bell Excursion Umbilicals



Bell Excursion Umbilical for Diver

Nominal Mechanical Properties:

Finished diameter:	45.0 mm ± 3.0 mm
Weight in air:	1,450 kg/km
Weight in sea-water:	-100 kg/km (note 1)
Minimum bend radius:	295 mm (static)
Minimum bend radius:	440 mm (dynamic)

Note 1: Assumed sea-water density = 1,026 kg/m³

Assembly Detail:

- 1 of FRH08 ½" NB Fibroflex collapse and recover reclaim hose. Color: Black
- 1 of FDH08H ½" NB Fibroflex hot-water hose. Color; Red
- 1 of FDH06G 3/8" NB Fibroflex gas hose. Color: Blue
- 1 of FDH04P ¼" NB Fibroflex Pneumo hose. Color: Yellow
- 1 of DCS0001 two pair comm's cable. Color: Red
- 1 of DCS0005 miniature TV cable. Color: Orange

Bell Excursion Umbilical for Bellman

Nominal Mechanical Properties:

Finished diameter:	40.0 mm ± 3.0 mm
Weight in air:	920 kg/km
Weight in sea-water:	-70 kg/km (note 1)
Minimum bend radius:	260 mm (static)
Minimum bend radius:	390 mm (dynamic)

Note 1: Assumed sea-water density = 1,026 kg/m³

Assembly Detail:

- 1 of FDH08H ½" NB Fibroflex hot water hose. Color: Red
- 1 of FDH06G 3/8" NB Fibroflex gas hose. Color: Blue
- 1 of FDH04P ¼" NB Fibroflex Pneumo hose. Color: Blue
- 1 of DCS0001 two pair comm's cable. Color: Red