

## FISH PUMPING



## // DUNLOP HIFLEX FOR FISH PUMPING APPLICATIONS

Specifically designed for the fishing Industry, the fish pump hose is the ideal solution for high speed fish transfer from net to ship deck, without damage.

Sea water, fat and abrasion resistance ensures maximum efficiency when used continuously during fishing operations, in all weather conditions.

DUNLOP HIFLEX offer the best solution for the power transmission to operate the hydraulic system: POWERFLEXBIO 4000 TUFLEX range ensures extreme flexibility and full bio oil compatibility.

The TUFLEX cover, provides the highest levels of protection, preventing abrasion issues in this harsh working environment.

## // HOSES

### // 949AA



#### Fish pump 3 bar (45 psi)

**Tube:** black NBR - oil, abrasion and sea water resistant.

**Reinforcement:** high tensile textile cords.

**Cover:** black conductive CR - oil, abrasion, ozone and sea water resistant.

**Application:** fish transfer from fishing net to ship deck.

**Constant operation:** -30 °C +80 °C (-22 °F +176 °F)

| Art. no | Product code | ↔     |     | ↔      |       | ↻   |     | ↻   |     | ⏹      |       | ↔  |
|---------|--------------|-------|-----|--------|-------|-----|-----|-----|-----|--------|-------|----|
|         |              | mm    | in  | mm     | in    | bar | psi | bar | psi | kg/m   | lb/ft |    |
| 2003696 | 949AA254     | 254,0 | 10" | 262,00 | 10,31 | 3   | 45  | 10  | 150 | 4,800  | 3,23  | 61 |
| 2004315 | 949AA305     | 305,0 | 12" | 313,00 | 12,32 | 3   | 45  | 10  | 150 | 5,740  | 3,86  | 61 |
| 2004316 | 949AA355     | 355,0 | 14" | 367,00 | 14,45 | 3   | 45  | 10  | 150 | 9,020  | 6,07  | 61 |
| 2004317 | 949AA406     | 406,0 | 16" | 418,00 | 16,46 | 3   | 45  | 10  | 150 | 10,890 | 7,32  | 61 |
| 2004318 | 949AA457     | 457,0 | 18" | 469,00 | 18,46 | 3   | 45  | 10  | 150 | 12,380 | 8,32  | 61 |
| 2013195 | 949AA508     | 508,0 | 20" | 522,00 | 20,55 | 3   | 45  | 10  | 150 | 14,330 | 9,64  | 61 |

### // POWERFLEXBIO 4000 - TUFLEX



\* Available on request with TUFLEX or HI-TUFF cover

**Notes:** also available with HI-TUFF cover (item code 1002799 for ø 38 mm and item code 1002491 for ø 51 mm)

#### ISO 18752

**Tube:** oil resistant synthetic rubber and biodegradable hydraulic fluids.

**Reinforcement:** four high tensile steel spirals.

**Cover:** abrasion, ozone and hydrocarbon resistant synthetic rubber. Special "TUFLEX" cover for excellent abrasion resistance and long service life in heavy duty applications.

**MSHA APPROVED**

**Application:** developed to withstand very demanding conditions, very high performance in pressure, pulsing and flexing.

**Constant operation:** -40 °C +121 °C (-40 °F +250 °F)

**Length:** random up to 1" - 61 m max over 1"1/4

| Art. no | Best. no | ↔    |      |        | ↔     |      | ↻    |      | ↻     |       | ↻     |       | ⏹     |       |
|---------|----------|------|------|--------|-------|------|------|------|-------|-------|-------|-------|-------|-------|
|         |          | Dash | mm   | in     | mm    | in   | Mpa  | psi  | Mpa   | psi   | mm    | in    | kg/m  | lb/ft |
| *       |          | 12   | 19,0 | 3/4"   | 29,50 | 1,16 | 28,0 | 4000 | 112,0 | 16000 | 120,0 | 4,72  | 1,019 | 0,69  |
| *       |          | 16   | 25,0 | 1"     | 37,50 | 1,48 | 28,0 | 4000 | 112,0 | 16000 | 150,0 | 5,91  | 1,637 | 1,11  |
| *       |          | 20   | 32,0 | 1 1/4" | 46,40 | 1,83 | 28,0 | 4000 | 112,0 | 16000 | 260,0 | 10,24 | 2,264 | 1,53  |
| 1003701 | PFBX4024 | 24   | 38,0 | 1 1/2" | 51,80 | 2,04 | 29,0 | 4200 | 116,0 | 16800 | 420,0 | 16,54 | 2,864 | 1,93  |
| 1003703 | PFBX4032 | 32   | 51,0 | 2"     | 67,60 | 2,66 | 28,0 | 4000 | 112,0 | 16000 | 630,0 | 24,80 | 4,475 | 3,01  |

## // FITTINGS



### // FISH PUMP HOSE FITTINGS

We also offer a specific range of couplings used in Fish Pump hose Applications. The range of fittings in aluminum also include reductions, elbows, swivels and hose clamps.

Our fittings for fish pump hose are interchangeable with other well-known brands on the market.



### // INTERLOCK FITTINGS

For reliability and performance on the POWERFLEXBIO 4000 TUFLEX, we use our INTERLOCK hose coupling system.

INTERLOCK fittings are stocked in BSP, JIC, METRIC and SAE connections. The INTERLOCK range from Dunlop Hiflex, as with all other steel components, is surface treated with DUNLOP HIFLEX Top Coat.

## // TOP COAT TREATMENT



### // DUNLOP HIFLEX TOP COAT (DTC)

Our hydraulic fittings, adapters and quick couplings have a brand new surface treatment; Dunlop Hiflex Top Coat (DTC).

DTC is tested in accordance with ASTM B117-03 and UNI ISO 9227 standards, and ensures over 500 hours corrosion prevention in salt spray fog to white rust, and over 1000 hours to red rust. DTC is Chromium(VI)-free.

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