

# Flexibore® 150

## Flexible rising main



Flexibore 150 coupling set

### IDEAL FOR

- Bore water pumping
- Potable water use
- Easy installation
- Rapid retrieval
- Low-cost pumping

**Flexibore 150** is our large diameter, high-quality layflat bore hose available in both 8" and 10". Its revolutionary flexible design simplifies bore water pumping replacing cumbersome rigid pipe.

**Flexibore 150** is manufactured by weaving a textile reinforcement of high-tensile polyester and extruded with hydrolysis-resistant polyurethane. The woven polyester fabric gives the hose a high burst pressure for deep bore pumping. It is designed to handle the weight of the submersible pump and the column of water up to 150 m deep.

Secure couplings can be easily attached on-site. A coloured strip with loops every metre runs along the length of the hose. These loops allow for the power cable's secure attachment and prevent possible rubbing of the cable against appropriately sized bore casings.

**Flexibore 150** can dilate up to 15%, making it extremely efficient in reducing pumping costs and friction loss. By dilating under pressure, no internal build-up of iron bacteria occurs as seen with rigid pipe use such as poly pipe or fibreglass.

Proudly manufactured in Australia by Crusader Hose, **Flexibore 150** is made to suit most bore water pumping applications requiring a large diameter hose. Each roll is fully tested at our factory prior to despatch.

### FEATURES

- ✓ Large-diameter groundwater pumping up to 150 m
- ✓ Ultra-high tensile for large submersible pumps
- ✓ Flexible - easy to install and retrieve
- ✓ Dilates - no internal build-up
- ✓ Rigorously tested
- ✓ Secure couplings
- ✓ Australian Made

### TECHNICAL DATA

Diameter (ID)	203 mm	254 mm
	8"	10"
Max. operating head	150 m	150 m
Min. burst pressure	4200 kPa	4200 kPa
Peak tensile load	22 t	20 t
Recommended max. tensile load	11 t	10 t
Weight of hose/m	3.4 kg	4.2 kg
Weight of hose with water/m at 10% dilation	39 kg	59.9 kg
Max. flow rate	148 L/s	200 L/s
Coupling OD	270 mm	320 mm
Weight of S/S coupling	41 kg	45 kg
Fitting bolt torque*	130 Nm	85 Nm
Part # Flexibore 150 hose	HFB203XUA	HFB254XUA
Part # Flexibore 150 coupling set	CLF203BDE	CLF254BDE

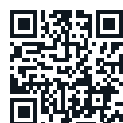
\*Rocol nickel-based anti-seize or equivalent must be applied to the bolt thread.

### OTHER SPECS

Water pH	3 to 9
Max. operating temp	70 °C
Max. diametric dilation	15 %
Max. extension**	2 %
Safety factor	2:1

\*\*within recommended operating parameters.

**NOTE:** For operation beyond stated recommended operating limits, contact your Flexibore distributor.



Scan here to learn more

### Crusader Hose Pty Ltd

22 Industry Place, Bayswater VIC 3153 Australia  
 e: sales@crusaderhose.com.au p: +61 3 9720 1100  
[www.crusaderhose.com.au](http://www.crusaderhose.com.au)

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Crusader Hose reserves the right to modify any specification as part of ongoing product development and without prior notice.

Contact Crusader Hose to ensure that the current technical data sheets and documentation are used.

