

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 intermittent loops every metre runs along the length of the hose. This allows for the secure attachment of the power cable and prevents its possible rubbing against the bore casing.

Flexibore® 150 can swell 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 polypipe or fibreglass.

Proudly manufactured in Australia by Crusader Hose, **Flexibore® 150** is made to suit most bore water pumping applications where a large diameter hose is required. 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
- ✓ Swells - 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
Burst pressure	42 bar	42 bar
Peak tensile load	22 t	20 t
Max. tensile load	11 t	10 t
Weight of hose/m	3.4 kg	4.5 kg
Coupling OD	270 mm	325 mm
Weight of S/S coupling	41 kg	45 kg
Weight of water/m at 10% swell	35.2 kg	56.1 kg
Max. flow rate	148 L/s	200 L/s
Fitting bolt torque	80 Nm	80 Nm
Part # Flexibore® 150 hose	HFB203XUA	HFB254XUA
Part # Flexibore® 150 coupling set	CLF203BDE	CLF254BDE

OTHER SPECS

Water pH	3 to 9
Max. operating temp	60 °C
Max. diametric swell	15 %
Max. extension	2 %
Safety factor	2:1

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



Scan here to learn more

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