

# EXTRAFLEX SILICONE SUCTION AND DELIVERY HOSE

**Mandrel built platinum cured silicone/polyester hygienic hoses with wire reinforcement, designed for extreme flexibility.**

Manufactured using a platinum cured silicone elastomer which is compositionally compliant with FDA 21 CFR 177 .2600 and USP Class VI standards. These hoses are supplied in up to 4m lengths, with a temperature range of -60°C to +200°C (+220°C spot) in standard form; bore sizes available from 1/4" (6.3mm) to 6" (152.4mm). Standard colour translucent. Extraflex hoses are ideally suited for clean industry process/production use.

**Construction:**

The wall construction is made of plies of knitted polyester cloth impregnated with silicone and a stainless steel wire reinforcing helix embedded between the plies. Smooth line bore for clear flow with smooth outer skin of silicone for complete integrity. The Extraflex range of hoses incorporates wire reinforcement at 4 turns per inch, resulting in extreme flexibility and the ability to handle increased operating pressures.



**Pressure Range:**

The Extraflex range of hoses are designed to have a working pressure of 10 bar up to 76mm id and 5 bar on anything higher.

BORE SIZE	WORKING PRESSURE	BURST PRESSURE	BEND RADIUS
MM	BAR	BAR	MM
19	10	30	50
25.4	10	30	65
32	10	30	87
38	10	30	110
51	10	30	170
63	10	30	275
75	10	30	400
102	5	15	700

**NOTE:** It is the responsibility of the user to determine that the finished product, including fittings, complies with the provisions of FDA 21 CFR 177 .2600 and USP Class VI.