

## San-Hygienic Food Suction and Delivery Hose 10 bar



**Rubber:** DA36

**Description/Application:** SAN-HYGIENIC and SAN-HYGIENIC *CRUSHA* are premium grade suction and delivery hoses and have for many years been leading brands within the food industry. Manufactured from odourless and taste free rubber materials approved by the FDA, they are highly flexible smooth bore hoses suitable for the transfer of liquid foodstuffs. These include beers, wines (alcohol concentration up to 96% @ 20°C), soft-drinks, milk, dairy products, mineral waters, potable water, oily fatty foods, chocolates, milks, creams and sauces etc.

**Norm/Registration:** FDA approved liner and compliant with Bg VV XXI: 2002 (Kat 2)

**Working pressure:** 10 bar (150 psi), safety factor 3:1. Vacuum 0.90 bar

**Lining:** FDA approved, white smooth food grade NBR, grease and oil resistant

**Reinforcement:** SAN-HYGIENIC - high strength synthetic plies, twin carbon steel helices. SAN-HYGIENIC *CRUSHA* - high strength synthetic plies and embedded nylon helix

**Cover:** SAN-HYGIENIC cloth finish smooth blue or red SBR/EPDM blend, resistant to abrasion and ozone. SAN-HYGIENIC *CRUSHA* cloth finish blue corrugated SBR/EPDM blend, resistant to abrasion and ozone

**Branding:** White background tape DIXON logo SAN-HYGIENIC FDA Bg VV 10 bar SF 3:1 Vac 0.90 bar, DIXON logo SAN-HYGIENIC *CRUSHA* FDA Bg VV 10 bar SF 3:1 Vac 0.60 bar, as appropriate

**Temperature range:** All SAN-HYGIENIC hoses -35°C to +80°C. Cleaning in accordance with 3-A Sanitary Standard Class II, steam sterilisation up to 121°C for 30 minutes at maximum 2 bar pressure, bactericidal treatment with chemical solutions up to 82°C at maximum 10 bar pressure, depending on solution and concentration



SAN-HYGIENIC									
PART NO.		DIMENSIONS (mm)		PRESSURE (bar)			WEIGHT (Kg/m) (approx)	BEND RADIUS (mm) (approx)	COIL LENGTH (metre)
RED	BLUE	ID	OD	POSITIVE		NEGATIVE			
				WORKING	BURST (min)				
SANB020	SANF020	19	30.5	10	30	0.90	0.72	40	40
SANB025	SANF025	25	36.5	10	30	0.90	0.90	60	40
SANB038	SANF038	38	51	10	30	0.90	1.40	95	40
SANB050	SANF050	51	62	10	30	0.90	1.80	130	40
SANB065	SANF065	63	77.5	10	30	0.90	2.75	180	40
SANB080	SANF080	76	91.5	10	30	0.90	3.56	230	40
SANB100	SANF100	102	122	10	30	0.90	5.91	360	40

SAN-HYGIENIC CRUSHA									
PART NO.		DIMENSIONS (mm)		PRESSURE (bar)			WEIGHT (Kg/m) (approximate)	BEND RADIUS (mm) (approximate)	COIL LENGTH (metre)
		ID	OD	POSITIVE		NEGATIVE			
				WORKING	BURST (min)				
SANC050		51	67	10	30	0.60	1.97	210	40
SANC065		63	79.5	10	30	0.60	2.37	280	40
SANC080		76	92.5	10	30	0.60	3.60	430	40

All sizes are available in loose lengths or assemblies with all types of Holedall® External Crimp and IX Internal Expansion 316 stainless steel hygienic end connections in RJT, DIN, SMS, IDF, and Tri-Clamp form.

FOR INSTALLATION & SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION

## San-Sil™ Silicone Suction and Delivery Hose



<b>Rubber:</b>	DA36
<b>Description/Application:</b>	San-Sil™ is a premium grade platinum cured odourless, tasteless and completely non-toxic silicone suction and delivery hose with a smooth liner and cover. It is an ideal hose for all types of applications transferring liquid or semi-liquid chemical, food, cosmetic and pharmaceutical product. It is not suitable for handling abrasive particles
<b>Norm/Registration:</b>	Meets or exceeds European Pharmacopoeia 3.1.9, FDA CFR 177.2600, BgVV & L11A and USP XXV1 Class V1
<b>Working pressure:</b>	10 bar (145 psi) to 3 bar (46 psi) dependant on bore size, safety factor 4:1. Vacuum 1 bar to 0.50 bar depending on bore size
<b>Lining:</b>	FDA approved transparent seamless extruded* smooth silicone
<b>Reinforcement:</b>	Polyester fabrics, 316L stainless steel wire helix
<b>Cover:</b>	FDA approved translucent smooth silicone
<b>Temperature range:</b>	-60°C to +180°C (short periods + 220°C). Sterilisation by hot air or by steam at +134°C, pressure 2.07 bar. The maximum time at 135°C is 45 mins

### SAN-SIL™ TRANSPARENT HOSE

PART NO.	DIMENSIONS (mm)		PRESSURE (bar) @ 20°C			WEIGHT (Kg/m) (approximate)	BEND RADIUS (mm) (approximate)	COIL LENGTH (metre)
	ID	OD	POSITIVE WORKING	NEGATIVE BURST (min)	NEGATIVE			
SANS012	13	25	10	40	1.00	0.39	45	4
SANS020	19	31	10	40	1.00	0.63	65	4
SANS025	25	38	10	40	1.00	0.84	80	4
SANS038	38	51	10	40	1.00	1.38	150	4
SANS050	51	63	10	40	0.50	1.89	180	4
SANS065	63	76	7	28	0.50	2.30	220	4
SANS080	76	89	4	16	0.50	2.98	250	4
SANS100	102	114	3	12	0.50	4.00	360	4

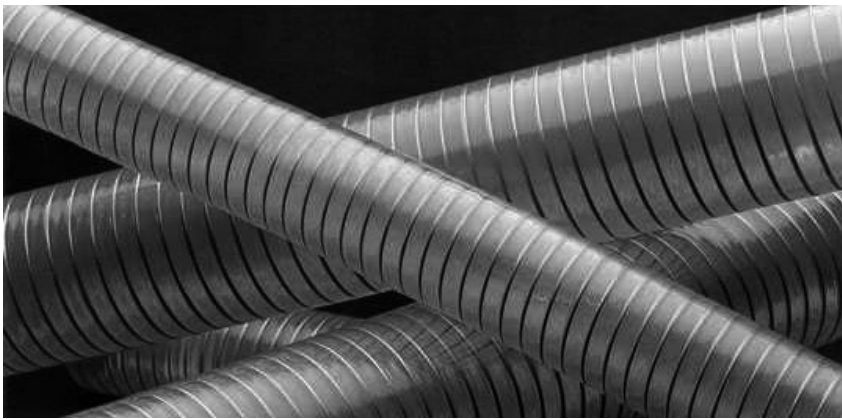
\* In bore sizes up to and including 63mm.

All sizes are available in loose lengths or assemblies with all types of Holedal® External Crimp and IX Internal Expansion 316 stainless steel hygienic end connections in RJT, DIN, SMS, IDF, and Tri-Clamp form. Bounce rings or spiral guard protection available.

FOR INSTALLATION & SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION

## DIXON PREMVIN Transparent PVC Suction and Delivery Hose

- PVC:** DA 14
- Description/Application:** Premium quality wire embedded food grade crystal clear pvc suction and delivery hose. Can be used for the transfer of many abrasive and non abrasive food or non edible materials whether solid or liquid including diluted chemicals. Precise placement and pitch of the steel wire spiral provides a high degree of flexibility and resistance to kinking and vacuum under the most arduous of conditions. Transparency reveals any line blockages that may occur. Steel spiral provides continuity for static dispersal. Food approved according to EEC 97/48 Classes A, B & C
- Working pressure:** 12 bar (174 psi) to 2.5 bar (36 psi) dependant on bore size @ 20° C. Safety factor 3:1. Vacuum 0.88 bar
- Construction:** Crystal clear food grade soft pvc with fully embedded spring steel spiral helix. Smooth bore
- Branding:** DIXON PREMVIN NON TOXIC / FOOD GRADE (BORE SIZE) DIXON ASSEMBLY W.P. \_\_\_\_\_
- Temperature range:** -15°C to + 65°C



PREMVIN TRANSPARENT PVC HOSE								
PART NO.	DIMENSIONS (mm)		PRESSURE (bar) @ 20°C			WEIGHT (Kg/m) (approximate)	BEND RADIUS (mm) (approximate)	COIL LENGTH (metre)
	ID	OD	WORKING POSITIVE	BURST (min)	NEGATIVE			
ARM012	13	19.2	12	36	0.88	0.21	26	30
ARM020	19	26	11	33	0.88	0.33	28	30
ARM025	25	33	10	30	0.88	0.52	38	30
ARM032	32	40.2	9	27	0.88	0.66	48	30
ARM038	38	47	9	27	0.88	0.80	57	30
ARM050	51	61.8	7	21	0.88	1.33	76	30
ARM065	63	74	6	18	0.88	1.80	125	30
ARM080	76	89.6	4.5	13.5	0.88	2.30	150	30
ARM100	102	118	3	9	0.88	3.70	200	30
ARM125	127	143.5	3	9	0.88	4.70	250	30
ARM150	152	170.5	2.5	7.5	0.88	6.60	300	20

PREMVIN YELLOW MILK TANKER HOSE								
PART NO.	DIMENSIONS (mm)		PRESSURE (bar) @ 20°C			WEIGHT (Kg/m) (approximate)	BEND RADIUS (mm) (approximate)	COIL LENGTH (metre)
	ID	OD	WORKING POSITIVE	BURST (min)	NEGATIVE			
ARM050Y	51	63	7	21	0.88	1.40	102	7
ARM065Y	63	76	6	18	0.88	1.90	157	7

FOR INSTALLATION & SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION

## Dixon Non-Toxic Clear PVC Suction and Delivery Hose



<b>PVC:</b>	DA 26
<b>Description/Application:</b>	Lightweight and highly flexible clear food grade super elastic pvc suction and delivery hose for use with various foodstuffs liquid or solid even at low temperatures
<b>Working pressure:</b>	8 bar (116 psi) to 4.5 bar (65 psi) dependant on bore size @ 20° C. Safety factor 3:1. Vacuum 0.73 bar to 0.68 bar dependant on bore size
<b>Construction:</b>	Crystal transparent food grade soft pvc with embedded shock resistant semi-rigid white pvc spiral helix. Smooth bore
<b>Branding:</b>	DIXON FOOD SUCTION/DELIVERY (BORE SIZE) FDA DIXON ASSEMBLY W.P. _____
<b>Temperature range:</b>	-10°C to + 60°C

### DIXON NON-TOXIC CLEAR HOSE

PART NO.	DIMENSIONS (mm)		PRESSURE (bar) @ 20°C			WEIGHT (Kg/m) (approximate)	BEND RADIUS (mm) (approximate)	COIL LENGTH (metre)
	ID	OD	POSITIVE		NEGATIVE			
			WORKING	BURST (min)				
AUS025FBW	25	32.5	8	24	0.73	0.40	125	50
AUS032FBW	32	39.5	7.5	22.5	0.73	0.48	160	50
AUS038FBW	38	46	7	21	0.73	0.58	190	50
AUS050FBW	51	59.5	5.5	16.5	0.73	0.86	255	50
AUS065FBW	63	72	5	15	0.68	1.10	315	30
AUS080FBW	76	86	4.5	13.5	0.68	1.42	380	30

### DIXON NON TOXIC YELLOW MILK TANKER HOSE

PART NO.	DIMENSIONS (mm)		PRESSURE (bar) @ 20°C			WEIGHT (Kg/m) (approximate)	BEND RADIUS (mm) (approximate)	COIL LENGTH (metre)
	ID	OD	POSITIVE		NEGATIVE			
			WORKING	BURST (min)				
AUS050FBM	51	60.4	6.5	19.5	0.78	1.03	255	7
AUS065FBM	63	73.4	6	24	0.78	1.45	315	7

Temperature range: -25°C to + 60°C

FOR INSTALLATION & SAFETY GUIDELINES REFER TO THE TECHNICAL SECTION