

Dimensions shown may be changed without prior notice

// 5J551



**Acid-chemical S&D 10 bar (150 psi) - standard duty
BS 5842**

Inner wire: polypropylene coated steel wire.
Tube: polypropylene film.
Cover: grey PVC coated fabric with longitudinal white stripe.
Outer wire: galvanised steel wire.
Application: acid and chemical suction and delivery. Specially designed for tank truck applications.
Safety factor: 4:1
Constant operation: -30 °C +80 °C (-22 °F +176 °F)
Electrical Conductivity: ensured by the 2 wires in contact with fittings.

Recommended fitting:
 • Composite hose fittings83-87

↔		↔		⬇		⤴		⚡		⚖	
mm	in	mm	in	bar	psi	mm	in	%	kg/m	lb/ft	
25	1"	37	1,46	10	150	100	4,00	90	0,940	0,630	
40	1 1/2"	52	2,05	10	150	140	5,50	90	1,100	0,740	
50	2"	62	2,44	10	150	150	6,00	90	1,450	0,970	
63*	2 1/2"	77	3,03	10	150	175	7,00	90	2,050	1,380	
65	2 5/8"	77	3,03	10	150	175	7,00	90	2,250	1,510	
75*	3"	89	3,50	10	150	250	10,00	90	2,400	1,610	
80	3 1/8"	93	3,66	10	150	250	10,00	90	3,100	2,080	
100	4"	121	4,76	10	150	350	14	90	4,4	2,95	

* Pitch for UK market

// 5J553



**Acid-chemical S&D 10 bar (150 psi) - standard duty
BS 5842**

Inner wire: polypropylene coated steel wire.
Tube: polypropylene film.
Cover: grey PVC coated fabric with longitudinal white stripe.
Outer wire: stainless steel wire.
Application: acid and chemical suction and delivery. Specially designed for tank truck applications.
Safety factor: 4:1
Constant operation: -30 °C +80 °C (-22 °F +176 °F)
Electrical Conductivity: ensured by the 2 wires in contact with fittings.

Recommended fitting:
 • Composite hose fittings83-87

↔		↔		⬇		⤴		⚡		⚖	
mm	in	mm	in	bar	psi	mm	in	%	kg/m	lb/ft	
25	1"	37	1,46	10	150	100	4,00	90	0,940	0,630	
32	1 1/4"	44	1,73	10	150	140	5,50	90	1,050	0,700	
40	1 1/2"	52	2,05	10	150	140	5,50	90	1,100	0,740	
50	2"	62	2,44	10	150	150	6,00	90	1,450	0,970	
65	2 1/2"	77	3,03	10	150	175	7,00	90	2,250	1,510	
80	3 1/8"	93	3,66	10	150	250	10,00	90	3,100	2,080	
100	4"	121	4,76	10	150	350	14,00	90	5,300	3,560	

// 5N551



Acid-chemical S&D 14 bar (200 psi) - heavy duty BS 5842

Inner wire: polypropylene coated steel wire.
Tube: polypropylene film.
Cover: grey PVC coated fabric with longitudinal white stripe.
Outer wire: galvanised steel wire.
Application: acid and chemical suction and delivery. Specially designed for tank truck applications.
Safety factor: 4:1
Constant operation: -30 °C +80 °C (-22 °F +176 °F)
Electrical Conductivity: ensured by the 2 wires in contact with fittings.

Recommended fitting:
 • Composite hose fittings83-87

↔		↔		⬇		⤴		⚡	♻	
mm	in	mm	in	bar	psi	mm	in	%	kg/m	lb/ft
25	1"	37	1,46	14	200	100	4,00	90	0,940	0,630
40	1 1/2"	53	2,09	14	200	140	5,50	90	1,150	0,770
50	2"	63	2,48	14	200	150	6,00	90	1,500	1,010
63*	2 1/2"	78	3,07	14	200	175	7,00	90	2,100	1,410
65	2 5/8"	78	3,07	14	200	175	7,00	90	2,300	1,540
75*	3"	90	3,54	14	200	250	10,00	90	2,500	1,680
80	3 1/8"	94	3,70	14	200	250	10,00	90	3,150	2,110
100	4"	122	4,80	14	200	350	14,00	90	5,400	3,620

* Pitch for UK market

// 5N331



Acid-chemical S&D 14 bar (200 psi) - heavy duty - PTFE BS 5842

Inner wire: stainless steel wire.
Tube: PTFE film.
Cover: grey PVC coated fabric with longitudinal white stripe.
Outer wire: galvanised steel wire.
Application: acid, chemical, fuel and solvents suction and delivery. Specially designed for long service life in heavy duty applications requiring resistance to high temperature.
Safety factor: 4:1
Constant operation: -30 °C +120 °C (-22 °F +248 °F)
Electrical Conductivity: ensured by the 2 wires in contact with fittings.

Recommended fitting:
 • Composite hose fittings83-87

↔		↔		⬇		⤴		⚡	♻	
mm	in	mm	in	bar	psi	mm	in	%	kg/m	lb/ft
40	1 1/2"	53	2,09	14	200	140	5,50	90	1,300	0,870
50	2"	63	2,48	14	200	150	6,00	90	1,700	1,140
63*	2 1/2"	78	3,07	14	200	175	7,00	90	2,300	1,540
65	2 5/8"	78	3,07	14	200	175	7,00	90	2,500	1,680
75*	3"	90	3,54	14	200	250	10,00	90	2,700	1,810
80	3 1/8"	94	3,70	14	200	250	10,00	90	3,500	2,350
100	4"	122	4,80	14	200	350	14,00	90	6,200	4,160

* Pitch for UK market

Dimensions shown may be changed without prior notice

// 5N333



**Acid-chemical S&D 14 bar (200 psi) - heavy duty - PTFE
BS 5842**

Inner wire: stainless steel wire.

Tube: PTFE film.

Cover: grey PVC coated fabric with longitudinal white stripe.

Outer wire: stainless steel wire.

Application: acid, chemical, fuel and solvents suction and delivery.

Specially designed for long service life in heavy duty applications requiring resistance to high temperature.

Safety factor: 4:1

Constant operation: -30 °C +120 °C (-22 °F +248 °F)

Electrical Conductivity: ensured by the 2 wires in contact with fittings.

Recommended fitting:

- Composite hose fittings83-87

↔		↔		↻		↷		⚡	⚖	
mm	in	mm	in	bar	psi	mm	in	%	kg/m	lb/ft
25	1"	37	1,46	14	200	100	4,00	90	1,000	0,670
40	1 1/2"	53	2,09	14	200	140	5,50	90	1,300	0,870
50	2"	63	2,48	14	200	150	6,00	90	1,700	1,140
63*	2 1/2"	78	3,07	14	200	175	7,00	90	2,500	1,680
65	2 5/8"	78	3,07	14	200	175	7,00	90	2,800	1,680
75*	3"	90	3,54	14	200	250	10,00	90	2,700	1,810
80	3 1/8"	94	3,70	14	200	250	10,00	90	3,500	2,350
100	4"	122	4,80	14	200	350	14,00	90	6,200	4,160

* Pitch for UK market

// 5J533



**Tank cleaning 10 bar (150 psi)
BS 5842**

Inner wire: stainless steel wire.

Tube: polypropylene film.

Cover: grey PVC coated fabric with longitudinal white stripe.

Outer wire: stainless steel wire.

Application: tank cleaning.

Safety factor: 4:1

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

Electrical Conductivity: ensured by the 2 wires in contact with fittings.

Recommended fitting:

- Composite hose fittings83-87

↔		↔		↻		↷		⚡	⚖	
mm	in	mm	in	bar	psi	mm	in	%	kg/m	lb/ft
50	2"	62	2,44	10	150	150	6,00	90	1,680	1,130
80	3 1/8"	93	3,66	10	150	250	10,00	90	3,400	2,280

// 5J551 EN



**Acid-chemical S&D 10 bar (150 psi) - standard duty
EN 13765 - arrêté TMD**

Inner wire: polypropylene coated steel wire.
Tube: polypropylene film.
Cover: grey PVC coated fabric with longitudinal white stripe.
Outer wire: galvanised steel wire.
Application: acid and chemical suction and delivery. Specially designed for tank truck applications.
Safety factor: 4:1
Constant operation: -30 °C +80 °C (-22 °F +176 °F)
Electrical Conductivity: ensured by the 2 wires in contact with fittings.
Electrical Resistance: ≤ 2.5 Ohm/mt up to DN 50mm (2''); ≤ 1 Ohm/mt over DN 50mm (2'')

Recommended fitting:
 • Composite hose fittings83-87

↔		↔		↙		↘		%		⚖	
mm	in	mm	in	bar	psi	mm	in	%	kg/m	lb/ft	
40	1 1/2"	52	2,05	10	150	140	5,50	90	1,400	0,940	
50	2"	62	2,44	10	150	150	6,00	90	1,600	1,074	
65	2 5/8"	77	3,03	10	150	175	7,00	90	2,100	1,410	
80	3 1/8"	93	3,66	10	150	250	10,00	90	2,800	1,880	
100	4"	121	4,76	10	150	350	14,00	90	4,800	3,223	

// 5J553 EN



**Acid-Chemical S&D 10 bar (150 psi) - standard duty
EN 13765 - arrêté TMD**

Inner wire: polypropylene coated steel wire.
Tube: polypropylene film.
Cover: grey PVC coated fabric with longitudinal white stripe.
Outer wire: stainless steel wire.
Application: acid and chemical suction and delivery. Specially designed for tank truck applications.
Safety factor: 4:1
Constant operation: -30 °C +80 °C (-22 °F +176 °F)
Electrical Conductivity: ensured by the 2 wires in contact with fittings.
Electrical Resistance: ≤ 2.5 Ohm/mt up to DN 50mm (2''); ≤ 1 Ohm/mt over DN 50mm (2'')

Recommended fitting:
 • Composite hose fittings83-87

↔		↔		↙		↘		%		⚖	
mm	in	mm	in	bar	psi	mm	in	%	kg/m	lb/ft	
50	2"	62	2,44	10	150	150	6,00	90	1,700	1,140	
80	3 1/8"	93	3,66	10	150	250	10,00	90	3,300	2,213	

Dimensions shown may be changed without prior notice

// 5N333 EN



**Acid-Chemical S&D 14 bar (200 psi) - heavy duty - PTFE
EN 13765 - arrêté TMD**

Inner wire: stainless steel wire.
Tube: PTFE film.
Cover: grey PVC coated fabric with longitudinal white stripe
Outer wire: stainless steel wire.
Application: acid, chemical, fuel and solvents suction and delivery.
 Specially designed for long service life in heavy duty applications requiring resistance to high temperature.
Safety factor: 4:1
Constant operation: -30 °C +115 °C (-22 °F +239 °F)
Electrical Conductivity: ensured by the 2 wires in contact with fittings.
Electrical Resistance: ≤ 2.5 Ohm/mt up to DN 50mm (2"); ≤ 1 Ohm/mt over DN 50mm (2")

Recommended fitting:
 • Composite hose fittings83-87

↔		↔		⊙		⌒		⚠	⚖	
mm	in	mm	in	bar	psi	mm	in	%	kg/m	lb/ft
50	2"	63	2,48	14	200	150	6,00	90	2,100	1,410
80	3 1/8"	94	3,70	14	200	250	10,00	90	3,800	2,551
100	4"	122	4,80	14	200	350	14,00	90	6,300	4,230

// 5J533 EN



**Tank cleaning 10 bar (150 psi)
EN 13765 - arrêté TMD**

Inner wire: stainless steel wire.
Tube: polypropylene film.
Cover: grey PVC coated fabric with longitudinal white stripe.
Outer wire: stainless steel wire.
Application: tank cleaning.
Safety factor: 4:1
Constant operation: -30 °C +80 °C (-22 °F +176 °F)
Electrical Conductivity: ensured by the 2 wires in contact with fittings.
Electrical Resistance: ≤ 2.5 Ohm/mt up to DN 50mm (2"); ≤ 1 Ohm/mt over DN 50mm (2")

Recommended fitting:
 • Composite hose fittings83-87

↔		↔		⊙		⌒		⚠	⚖	
mm	in	mm	in	bar	psi	mm	in	%	kg/m	lb/ft
50	2"	62	2,44	10	150	150	6,00	90	1,780	1,184
80	3 1/8"	93	3,66	10	150	250	10,00	90	3,580	2,382
100	4"	121	4,76	10	150	350	14,00	90	4,820	3,207