

STRATA 3000

EXCEEDS ISO 18752 4.2

STRATA 3000 is a 3000 PSI constant pressure series, available in sizes ranging from 1/4 inch to 2 inches. Designed for hydraulic applications, it exceeds and complies with ISO 18752 specifications.

Features:

- 1/2 ISO 18752 minimum bend radius
- Abrasion resistant cover with 30 times stronger abrasion resistant available.



Part Number	ISO 18752	Hose ID		Hose OD	Working Pressure		Min Burst Pressure		Min Bend Radius	Weight	Fitting
	TYPE	Inch	mm	mm	psi	Bar	psi	Bar	mm	Kg/m	
ST3000-4A	AC	1/4	6.4	13.1	3000	203	12000	828	50	0.219	G54
ST3000-5A	AC	5/16	7.9	14.7	3000	203	12000	828	55	0.277	G54
ST3000-6A	AC	3/8	9.5	17.2	3000	203	12000	828	65	0.330	G54
ST3000-8A	AC	1/2	12.7	20.4	3000	203	12000	828	90	0.660	G54
ST3000-10A	AC	5/8	15.9	23.8	3000	203	12000	828	100	0.771	G54
ST3000-12A	AC	3/4	19.1	27.8	3000	203	12000	828	120	0.939	G54
ST3000-16A	AC	1	25.4	35.4	3000	203	12000	828	300	1.247	G54
ST3000-20B	BC	1.1/4	31.8	43.0	3000	203	12000	828	460	1.874	P89
ST3000-24B	BC	1.1/2	38.1	49.0	3000	203	12000	828	560	2.127	P89
ST3000-32B	BC	2	50.8	68.1	3000	203	12000	828	630	2.848	P89
ST3000-20C	CC	1.1/4	31.8	43.0	3000	203	12000	828	460	1.874	P89
ST3000-24C	CC	1.1/2	38.1	49.0	3000	203	12000	828	560	2.127	P89
ST3000-32C	CC	2	50.8	68.1	3000	203	12000	828	630	2.848	P89

Constructions

Inner Tube: Synthetic rubber

Reinforcement:

- 4 to -8, One (1) high tensile braided wire.
- 10 to -16, Two (2) high tensile braided wire.
- 20 to -24, Four(4) high tensile spiral wire.

Cover: Synthetic Rubber or TC Abrasion Resistant Cover.

MHSA Compliance.

Temperature Range

Type AC -40°C to +100°C (-40°F to +212°F)

Type BC -40°C to +100°C (-40°F to +212°F)

Type CC -40°C to +121°C (-40°F to +250°F)

Part Number

The part number shown in the table refers to the Standard Cover. To specify the Tough Cover, add 'TC' to the end of the Standard Cover part number (e.g., ST3000-12A-TC).

The dimensions and specifications stated are subject to change without prior notice.



STRATA 4000

EXCEEDS ISO 18752 4.2 TYPE

STRATA 4000 is a 4000 PSI constant pressure series, available in sizes ranging from 1/4 inch to 2 inches. Designed for hydraulic applications, it exceeds and complies with ISO 18752 specifications.

Features:

- 1/2 ISO 18752 minimum bend radius
- Abrasion resistant cover with 30 times or 300 times stronger abrasion resistant available.



PART B
HYD. HOSE



Part Number	ISO 18752	Hose ID		Hose OD	Working Pressure		Min Burst Pressure		Min Bend Radius	Weight	Fitting
	TYPE	Inch	mm	mm	psi	Bar	psi	Bar	mm	Kg/m	
ST4000-4A	AC	1/4	6.4	13.2	4000	276	16000	1103	50	0.219	G54
ST4000-5A	AC	5/16	7.9	14.7	4000	276	16000	1103	55	0.277	G54
ST4000-6A	AC	3/8	9.5	16.8	4000	276	16000	1103	65	0.330	G54
ST4000-8A	AC	1/2	12.7	20.3	4000	276	16000	1103	90	0.660	G54
ST4000-10A	AC	5/8	15.9	23.6	4000	276	16000	1103	100	0.771	G54
ST4000-12A	AC	3/4	19.1	27.7	4000	276	16000	1103	120	0.939	G54
ST4000-16B	BC	1	25.4	35.7	4000	276	16000	1103	300	0.939	P89
ST4000-20B	BC	1.1/4	31.8	44.4	4000	276	16000	1103	460	1.247	P89
ST4000-24B	BC	1.1/2	38.1	52.5	4000	276	16000	1103	560	1.874	P89
ST4000-32B	BC	2	50.8	68.1	4000	276	16000	1103	630	2.127	P89
ST4000-16C	CC	1	25.4	35.7	4000	276	16000	1103	300	0.939	P89
ST4000-20C	CC	1.1/4	31.8	44.4	4000	276	16000	1103	460	1.247	P89
ST4000-24C	CC	1.1/2	38.1	52.5	4000	276	16000	1103	560	1.874	P89
ST4000-32C	CC	2	50.8	67.7	4000	276	16000	1103	630	2.127	P89

Constructions

Inner Tube: Synthetic rubber

Reinforcement:

- 4 to -12, Two (2) high tensile braided wire.
- 16 to -24, Four (4) high tensile spiral wire.
- 32, Six (6) high tensile spiral wire.

Cover: Standard Synthetic Rubber, TC Abrasion Resistant Cover with 30X resistant or Extreme Tough Cover with 300X resistant. MHSA Compliance.

Temperature Range

Type AC -40°C to +100°C (-40°F to +212°F)

Type BC -40°C to +100°C (-40°F to +212°F)

Type CC -40°C to +121°C (-40°F to +250°F)

Part Number

The part number shown in the table refers to the Standard Cover. To specify the Tough Cover, add 'TC' to the end of the Standard Cover part number, or 'ETC' for Extreme Tough Cover. (e.g., ST4000-12A-TC, ST4000-20C-ETC).

The dimensions and specifications stated are subject to change without prior notice.



STRATA 5000

ISO 18752 4.2 TYPE AD, DC

STRATA 5000 is a 5000 PSI constant pressure series, available in sizes ranging from 1/4 inch to 2 inches. Designed for hydraulic applications, it exceeds and complies with ISO 18752 specifications.

Features:

- 1/2 ISO 18752 minimum bend radius
- Abrasion resistant cover (optional) with 30 times or 300 times stronger abrasion resistant available.



Part Number	ISO 18752	# Wires	Hose ID		Hose OD	Working Pressure		Min Burst Pressure		Min Bend Radius	Weight	Fitting
	TYPE		Inch	mm	mm	psi	Bar	psi	Bar	mm	Kg/m	
ST5000-4A	AC	2	1/4	6.4	13.2	5000	345	20000	1379	50	0.283	G54
ST5000-6A	AC	2	3/8	9.5	16.8	5000	345	20000	1379	65	0.524	G54
ST5000-8D	DC	2	1/2	12.7	21.2	5000	345	20000	1379	90	0.700	P89
ST5000-10D	DC	2	5/8	15.9	23.9	5000	345	20000	1379	210	0.818	P89
ST5000-12D	DC	2	3/4	19.1	28.0	5000	345	20000	1379	250	1.142	P89
ST5000-16D	DC	2	1	25.4	35.8	5000	345	20000	1379	300	1.647	P89
ST5000-20D	DC	4	1.1/4	31.8	45.1	5000	345	20000	1379	460	2.256	P89
ST5000-24D	DC	6	1.1/2	38.1	52.9	5000	345	20000	1379	560	3.208	P89
ST5000-32D	DC	6	2	50.8	67.7	5000	345	20000	1379	630	6.120	P89

Constructions

Inner Tube: Synthetic rubber

Reinforcement:

- 4 to -6 Two (2) high tensile braided wire.
- 8 to -32, Four (4) or Six (6) high tensile spiral wire.

Cover: Standard Synthetic Rubber, TC Abrasion Resistant
Cover with 30X resistant or Extreme Tough Cover with 300X resistant. MSHA Compliance.

Temperature Range

Type AC -40°C to +100°C (-40°F to +212°F)

Type DC -40°C to +121°C (-40°F to +250°F)

Part Number

The part number shown in the table refers to the **Standard Cover**. To specify the **Tough Cover**, add 'TC' to the end of the Standard Cover part number, or '-ETC' for Extreme Tough Cover. (e.g., ST5000-16D-TC, ST4000-20D-ETC).

The dimensions and specifications stated are subject to change without prior notice.



STRATA 6000

ISO 18752 4.2 TYPE AC, DC

STRATA 6000 is a 6000 PSI constant pressure series, available in sizes ranging from 1/4 inch to 2 inches. Designed for hydraulic applications, it exceeds and complies with ISO 18752 specifications.

Features:

- 1/2 ISO 18752 minimum bend radius
- Abrasion resistant cover (optional) with 30 times or 300 times stronger abrasion resistant available.



PART B
HYD. HOSE



Part Number	ISO 18752	# Wire	Hose ID		Hose OD	Working Pres- sure		Min Burst Pressure		Min Bend Radius	Weight	Fitting
	TYPE		Inch	mm	mm	psi	Bar	psi	Bar	mm	Kg/m	
ST6000-4A	AC	2	1/4	6.4	13.2	6000	414	24000	1655	50	0.283	G54
ST6000-6D	DC	4	3/8	9.5	20.9	6000	414	24000	1655	150	0.524	G80
ST6000-8D	DC	4	1/2	12.7	21.2	6000	414	24000	1655	180	0.700	P89
ST6000-10D	DC	4	5/8	15.9	24.0	6000	414	24000	1655	220	0.818	P89
ST6000-12D	DC	4	3/4	19.1	28.1	6000	414	24000	1655	280	1.142	P89
ST6000-16D	DC	4	1	25.4	35.8	6000	414	24000	1655	400	1.647	P89
ST6000-20D	DC	6	1.1/4	31.8	45.0	6000	414	24000	1655	480	2.256	P89
ST6000-24D	DC	6	1.1/2	38.1	52.9	6000	414	24000	1655	560	3.208	P89
ST6000-32D	DC	6	2	50.8	67.7	6000	414	24000	1655	630	6.120	P89

Constructions

Inner Tube: Synthetic rubber

Reinforcement:

- 4, Two (2) high tensile braided wire.
- 6 to -32, Four (4) or Six (6) high tensile spiral wire.

Cover: Standard Synthetic Rubber, TC Abrasion Resistant

Cover with 30X resistant or Extreme Tough Cover with 300X resistant. MSHA Compliance.

Temperature Range

Type AC -40°C to +100°C (-40°F to +212°F)

Type DC -40°C to +121°C (-40°F to +250°F)

Part Number

The part number shown in the table refers to the Standard Cover. To specify the Tough Cover, add ‘TC’ to the end of the Standard Cover part number, or ‘-ETC’ for Extreme Tough Cover. (e.g., ST6000-24D-TC, ST6000-32D-ETC).

The dimensions and specifications stated are subject to change without prior notice.

