



Guaranteed Value with  
Quality Performance  
and Reliability.



AN IDEAL SOLUTION FOR ANY  
DEMANDING INDUSTRY...

# SABRE FLEX™

2SC SAE 100R16 FLEXIBLE HOSE



Compact hose with  
low bend radius



Designed and tested  
to EN Specifications



Fully tested to  
200,000 impulse  
cycles



OEM designed  
Italian quality



Uses standard  
matched and  
validated fittings



Anti-Abrasive MSHA &  
FRSA approved cover

**hardy spicer**

• HOSE • FITTINGS • DRIVESHAFTS

[hardyspicer.com.au](http://hardyspicer.com.au)

Quality Italian made hose with a low bend radius, manufactured to **EN Specifications**.

The hose has been impulse tested in excess of 200,000 cycles under strict laboratory conditions and is suitable for a variety of industries including Agricultural, Truck & Transport, Mining and OEM applications requiring a quality hose for tight conditions.

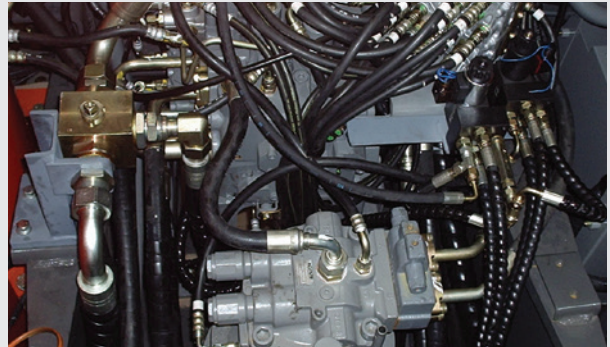
Complete laboratory testing has been carried out to ensure full qualification using the Hardy Spicer matched and validated fittings with certification available on request.

Global accreditations for use in all markets including an abrasive resistant **MSHA & FRSA** approved cover allowing the flexibility for underground applications.

### Feature & Benefits

- Designed and tested to EN Specifications
- OEM designed Italian quality
- Anti-Abrasive MSHA & FRSA approved cover
- Compact 2 wire hose with low bend radius (R16). Non-Skive solution.
- Recommended hose fittings: Hardy Spicer matched and validated fittings.
- Validated to SAE international standard requirements and 120°C of continuous working temperature when used with Hardy Spicer matched and validated fittings.
- Designed and tested to EN specifications.
- Fully tested to 200,000 impulse cycles.
- Designed for OEM applications.

Flexibility for tight applications



## Hose Specifications

<b>Internal Hose</b>	Synthetic rubber, extruded whole without joints, of uniform thickness.
<b>Reinforcement</b>	2 High tensile steel wire braids.
<b>Covering</b>	Anti-abrasive synthetic rubber, resistant to oils, fuels and atmospheric conditions. MSHA approved.
<b>Recommended Fluid</b>	Mineral and biological oils, glycol-water based, water, lubricants.
<b>Operating Temperature</b>	From -40 to +100°C (intermittent 120°C), from -40 to +70°C for water based fluids, from 0 to +70°C water.

Part No.	ID		Nom. Size	OD	Max Working		Min Burst Pressure		Min Bend Radius		Weight	
	inch	mm			bar	psi	bar	psi	inch	mm	kg/m	lb/ft
	<b>SAB/R16-04</b>	1/4"			6.5	4	13.3	400	5800	1600	23200	1.969
<b>SAB/R16-06</b>	3/8"	9.5	6	17.1	330	4785	1320	19140	2.559	65	0.418	0.281
<b>SAB/R16-08</b>	1/2"	12.7	8	20.4	275	3988	1100	15950	3.543	90	0.525	0.353
<b>SAB/R16-12</b>	3/4"	19.0	12	27.6	215	3118	860	12470	4.724	120	0.782	0.526
<b>SAB/R16-16</b>	1"	25.4	16	35.8	165	2393	860	9570	5.906	150	1.176	0.790

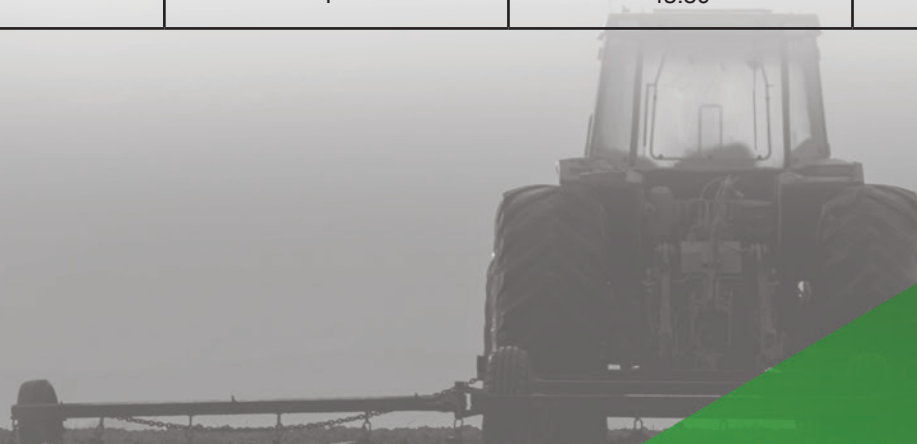
Type: SABRE FLEX Branded Flexible Hose

Applicable Specification: EN 857 2SC - SAE 100 R16 - ISO 11237 2SC

Type Approval: MSHA & FRSA approved cover

## Crimp Specifications

Hose Part Number	Hose Diameter (in)	Crimp Diameter (mm)	Tolerance
<b>SAB/R16-04</b>	1/4"	18.10	+0.1 / -0.1
<b>SAB/R16-06</b>	3/8"	21.90	+0.1 / -0.1
<b>SAB/R16-08</b>	1/2"	26.20	+0.1 / -0.1
<b>SAB/R16-12</b>	3/4"	34.70	+0.1 / -0.1
<b>SAB/R16-16</b>	1"	43.50	+0.1 / -0.1



## Locations

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*For over 70 years, Hardy Spicer has built a reputation as a respected aftermarket supplier of Driveshafts, Universal Joints, Hydraulic and Industrial Hose and Fittings.*



To learn more about Hardy Spicer  
visit [hardyspicer.com.au](http://hardyspicer.com.au)  
or contact us on **1300 304 673**

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