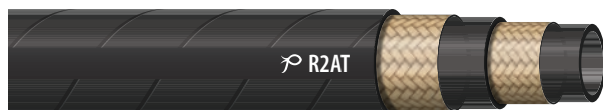


# R2AT

## Braided Wire Hose

Smooth Cover | DIN EN 853 2SN | SAE 100R2AT



Black Smooth Cover

Part No.	Nominal		I.D.		O.D.		Working Pressure		Burst Pressure		Bend Radius		Hose Fitting Series
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(psi)	(bar)	(psi)	(bar)	(in)	(mm)	
R2AT-04	1/4	6	0.25	6.4	0.59	15.0	5,802	400	23,206	1600	3.94	100	K2 / C2
R2AT-06	3/8	10	0.37	9.5	0.66	16.7	4,786	330	19,145	1320	5.12	130	K2 / C2
R2AT-08	1/2	12	0.50	12.7	0.87	22.2	3,989	275	15,954	1100	7.09	180	K2 / C2
R2AT-10	5/8	16	0.63	15.9	1.00	25.4	3,626	250	14,504	1000	7.87	200	K2 / C2
R2AT-12	3/4	19	0.75	19.0	1.15	29.3	3,118	215	12,328	850	9.45	240	K2 / C2
R2AT-16	1"	25	1.00	25.4	1.50	38.1	2,393	165	9,427	650	11.81	300	K2 / C2
R16-2SC-20 *	1-1/4	31	1.25	31.8	1.72	43.6	2,400	165	9,600	660	9.84	250	K2 / C2
R16-2SC-24 *	1-1/2	38	1.50	38.1	1.98	50.4	2,000	135	8,000	540	11.81	300	K2 / C2
2SN-32	2"	51	2.01	51.1	2.63	66.7	1,160	80	4,641	320	24.80	630	K2 / K4 / C2

\* R2AT Substitute: See R6-2SC Page.

### Applications/Features

Our 'R2AT' Hose is a **Smooth Cover** 2-wire braided hose that meets and exceeds the performance requirements of DIN EN 853 2SN and SAE 100R2AT. This hose is designed for medium to high pressure hydraulic applications. This is a NON-Skive, MSHA flame resistant approved hose with a 4:1 safety factor that is capable of meeting the demands of todays rugged environments. It is suitable for use with mineral and vegetable oils, aqueous emulsion, water, air, and inert gasses. An MSHA flame resistant approved black smooth cover is standard.

### Temperature

–40° to +212° F (–40° to +100° C)  
+70° (+21°C) Maximum Hot Air

### Tube

Oil Resistant Black Synthetic Rubber

### Notice

For Average Reel Lengths See Page C-150  
Hose Assemblies or Bulk  
Page Updated 2017-02-01

### Reinforcement

2-Wire High Tensile Steel Braids with Protective Coating

### Cover

Abrasion, Oil, and Weather Resistant Synthetic Rubber  
MSHA Flame Resistance Approval  
Black Smooth Cover

### Reference

Aeroquip-Eaton: GH195  
Parker: 302, 381  
Weatherhead-Eaton: H290

### Extreme Caution

User is Solely Responsible for the Proper Selection and Matching of Hose and Fitting Components.  
Please read the *User Responsibility Warning*, *Hose Installation Guide*, and reference the latest  
*Crimp Specs* at [pressureconnections.com](http://pressureconnections.com).