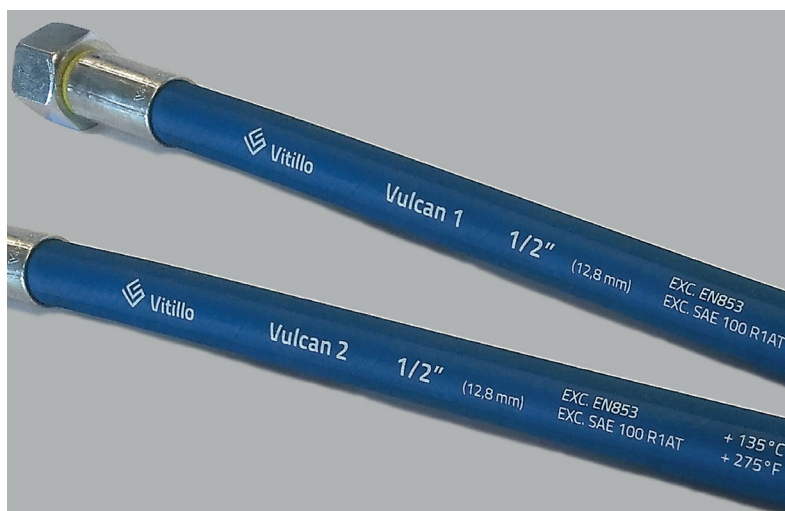


VULCAN AIR HOSE

EXTREME TEMPERATURE



Product Features

Vulcan hoses offer extreme reliability, versatility and long life. Ideal for a wide range of applications in conditions of extreme temperatures.

Designed for high temperature applications, both internal and external, and for applications with passage of air mixed with oil vapor up to a temperature of 135°C (275 °F)

Main Applications:

- Compressors
- Air/oil return lines

Features:

- Wide range temperature resistance
- Working pressure according to EN/ISO standard
- High resistance to ozone extreme resistance to UV rays and weatherproof



Technical Data

Applications:

Compressors
Air/oil return lines

Qualified Fluids:

Air, Air mixed with oil vapor up to 135°C (275°F)
Mineral oils * up to 80°C (176°F)
Water up to 70°C (158°F)

* Test carried out in accordance with standard with oil IRM903

Operating temperature range:

-20°C to +135°C (-4°F to +275°F)
(cotinuous service) with peaks of
150°C (302°F)
(intermittent service)

Tube:

Synthetic rubber

Reinforcement:

One or two high tensile steel braids

Cover:

Synthetic rubber*

*Attention: Compressed air applications require a pin prick covers



EXC. EN 853 1SN SAE 100 R1AT



EXC. EN 853 2SN SAE 100 R2AT

Technical Sheet

CODE	Hose size			R.O.D.		O.D.		Max working pressure		Min burst pressure		Min B.R.		Weight	
	DN	inch	mm	inch	mm	inch	mm	Psi	Bar	Psi	Bar	inch	mm	lb/ft	kg/m
TH1SN03V1	5	3/16"	4,8	0,37	9,5	0,47	11,9	3620	250	14480	1000	3,54	90	0,12	0,180
TH1SN04V1	6	1/4"	6,4	0,44	11,1	0,53	13,5	3260	225	13040	900	3,94	100	0,15	0,230
TH1SN05V1	8	5/16"	7,9	0,50	12,7	0,59	15,1	3110	215	12440	860	4,53	115	0,19	0,290
TH1SN06V1	10	3/8"	9,5	0,59	15,1	0,69	17,5	2610	180	10440	720	5,12	130	0,24	0,360
TH1SN08V1	12	1/2"	12,8	0,72	18,2	0,81	20,6	2320	160	9280	640	7,09	180	0,29	0,440
TH1SN10V1	16	5/8"	16,0	0,84	21,4	0,94	23,8	1880	130	7520	520	7,87	200	0,35	0,520
TH1SN12V1	19	3/4"	19,0	1,00	25,4	1,10	27,9	1520	105	6080	420	9,45	240	0,44	0,660
TH1SN16V1	25	1"	25,4	1,31	33,3	1,42	36	1270	88	5080	352	11,81	300	0,65	0,970
TH1SN20V1	31	1" 1/4	31,8	1,59	40,5	1,71	43,4	910	63	3620	252	16,54	420	0,87	1,300
TH1SN24V1	38	1" 1/2	38,1	1,85	47,0	1,97	50,1	720	50	2880	200	19,69	500	1,02	1,530
TH1SN32V1	51	2"	50,8	2,38	60,4	2,50	63,5	580	40	2320	160	24,80	630	1,50	2,250
TH2SN03V2	5	3/16"	4,8	0,44	11,1	0,52	13,3	6010	415	24040	1660	3,54	90	0,19	0,280
TH2SN04V2	6	1/4"	6,4	0,50	12,6	0,59	15,1	5800	400	23200	1600	3,94	100	0,25	0,370
TH2SN05V2	8	5/16"	7,9	0,56	14,3	0,66	16,8	5070	350	20280	1400	4,53	115	0,31	0,460
TH2SN06V2	10	3/8"	9,5	0,66	16,7	0,76	19,2	4780	330	19120	1320	5,12	130	0,37	0,560
TH2SN08V2	12	1/2"	12,8	0,78	19,8	0,88	22,3	3980	275	15920	1100	7,09	180	0,46	0,690
TH2SN10V2	16	5/8"	16,0	0,91	23,0	1,00	25,5	3620	250	14480	1000	7,87	200	0,53	0,800
TH2SN12V2	19	3/4"	19,0	1,06	27,0	1,16	29,5	3110	215	12440	860	9,45	240	0,67	1,000
TH2SN16V2	25	1"	25,4	1,37	34,9	1,48	37,6	2390	165	9560	660	11,81	300	0,92	1,380
TH2SN20V2	31	1" 1/4	31,8	1,74	44,3	1,86	47,3	1810	125	7240	500	16,54	420	1,33	2,000
TH2SN24V2	38	1" 1/2	38,1	2,00	50,8	2,12	53,8	1300	90	5200	360	19,69	500	1,47	2,200
TH2SN32V2	51	2"	50,8	2,50	63,5	2,62	66,5	1160	80	4640	320	24,80	630	2,13	3,200