

DOLOMITI

HIGH TEMPERATURE APPLICATIONS
EXTREME OZONE RESISTANCE



Product Features

DOLOMITI hoses series offers extreme reliability, versatility and long life.

It is ideal for a wide range of applications in extreme temperature conditions.

Designed for high temperature applications, both for interior and exterior use, and for extreme ozone resistance.

Main Applications:

- Engine compartments
- Fuel / oil cooler lines
- Thermal fluid heat transfer systems

Features:

- Wide range temperature resistance
- Working pressure according to EN/ISO Standards
- High resistance to ozone, extreme resistance to UV rays, weatherproof
- Available types: 1SN-2SN-1SC-2SC



Technical Data

Applications:

Engine compartments
fuel / oil cooler lines
thermal fluid heat transfer systems

Specs

UNI EN ISO 853 - UNI EN ISO 857

Qualified Fluids:

Mineral oils, petroleum based hydraulic fluid,
water up to 85°C (185°F), fuel,
glycol and water up to 85°C (185°F),
water-in-oil emulsion hydraulic fluids, grease.

Operating temperature range:

-40°C/+125°C (-40°F/+257°F)
(cotinuous service) with peaks of
+135°C (+275°F)
(intermittent service)

Tube:

Synthetic rubber

Reinforcement:

One or two high-tensile braided steel wire

Cover:

Synthetic rubber with extreme resistance
to ozone and to high temperature



Available types: 1SN-1SC



Available types: 2SN-2SC

Technical Sheet

CODE	Hose size	R.O.D.		O.D.		Max working pressure		Min burst pressure		Min B.R.		CODE	Hose size	R.O.D.		O.D.		Max working pressure		Min burst pressure		Min B.R.	
	inch	inch	mm	inch	mm	Psi	Bar	Psi	Bar	inch	mm		inch	inch	mm	inch	mm	Psi	Bar	Psi	Bar	inch	mm
TH1SN03DOL	3/16"	0,37	9,5	0,47	11,9	3620	250	14480	1000	3,54	90	TH1SC04DOL	1/4"	0,40	10,2	0,48	12,2	3260	225	13040	900	1,97	50
TH1SN04DOL	1/4"	0,44	11,1	0,53	13,5	3260	225	13040	900	3,94	100	TH1SC05DOL	5/16"	0,45	11,5	0,53	13,5	3110	215	12440	860	2,17	55
TH1SN05DOL	5/16"	0,50	12,7	0,59	15,1	3110	215	12440	860	4,53	115	TH1SC06DOL	3/8"	0,54	13,6	0,61	15,6	2610	180	10440	720	3,37	60
TH1SN06DOL	3/8"	0,59	15,1	0,69	17,5	2610	180	10440	720	5,12	130	TH1SC08DOL	1/2"	0,67	17,1	0,75	19,1	2320	160	9280	640	2,76	70
TH1SN08DOL	1/2"	0,72	18,2	0,81	20,6	2320	160	9280	640	7,09	180	TH1SC10DOL	5/8"	0,80	20,4	0,88	22,4	1880	130	7520	520	3,54	90
TH1SN10DOL	5/8"	0,84	21,4	0,94	23,8	1880	130	7520	520	7,87	200	TH1SC12DOL	3/4"	0,94	24,0	1,02	26,0	1520	105	6080	420	3,94	100
TH1SN12DOL	3/4"	1,00	25,4	1,10	27,9	1520	105	6080	420	9,45	240	TH1SC16DOL	1"	1,24	31,4	1,31	33,4	1270	88	5080	352	6,30	160
TH1SN16DOL	1"	1,31	33,3	1,42	36	1270	88	5080	352	11,81	300	TH1SC20DOL	1" 1/4	1,51	38,4	1,61	40,9	910	63	3620	252	8,27	210
TH1SN20DOL	1" 1/4	1,59	40,5	1,71	43,4	910	63	3620	252	16,54	420	TH1SC24DOL	1" 1/2	1,77	45,0	1,87	47,5	720	50	2880	200	11,81	300
TH1SN24DOL	1" 1/2	1,85	47,0	1,97	50,1	720	50	2880	200	19,69	500	TH1SC32DOL	2"	2,28	58,0	2,38	60,5	580	40	2320	160	15,75	400
TH1SN32DOL	2"	2,38	60,4	2,50	63,5	580	40	2320	160	24,80	630												
TH2SN03DOL	3/16"	0,44	11,1	0,52	13,3	6010	415	24040	1660	3,54	90	TH2SC04DOL	1/4"	0,44	11,3	0,52	13,3	5800	400	23200	1600	1,77	45
TH2SN04DOL	1/4"	0,50	12,6	0,58	14,8	5800	400	23200	1600	3,94	100	TH2SC05DOL	5/16"	0,51	12,9	0,59	14,9	5070	350	20280	1400	2,17	55
TH2SN05DOL	5/16"	0,56	14,3	0,65	16,5	5070	350	20280	1400	4,53	115	TH2SC06DOL	3/8"	0,59	15,0	0,67	17,0	4780	330	19120	1320	2,56	65
TH2SN06DOL	3/8"	0,66	16,7	0,74	18,9	4780	330	19120	1320	5,12	130	TH2SC08DOL	1/2"	0,72	18,4	0,80	20,4	3980	275	15920	1100	3,15	80
TH2SN08DOL	1/2"	0,78	19,8	0,87	22,0	3980	275	15920	1100	7,09	180	TH2SC10DOL	5/8"	0,86	21,8	0,94	23,8	3620	250	14480	1000	3,54	90
TH2SN10DOL	5/8"	0,91	23,0	0,99	25,2	3620	250	14480	1000	7,87	200	TH2SC12DOL	3/4"	1,00	25,5	1,08	27,5	3120	215	12480	860	4,72	120
TH2SN12DOL	3/4"	1,06	27,0	1,15	29,2	3110	215	12440	860	9,45	240	TH2SC16DOL	1"	1,31	33,3	1,39	35,3	2390	165	9600	660	6,30	160
TH2SN16DOL	1"	1,37	34,9	1,46	37,1	2390	165	9560	660	11,81	300	TH2SC20DOL	1" 1/4	1,60	40,7	1,70	43,1	1820	125	7280	500	9,84	250
TH2SN20DOL	1" 1/4	1,74	44,3	1,85	47	1810	125	7240	500	16,54	420	TH2SC24DOL	1" 1/2	1,84	46,8	1,96	59,8	1450	100	5800	400	11,81	300
TH2SN24DOL	1" 1/2	2,00	50,8	2,11	53,5	1300	90	5200	360	19,69	500	TH2SC32DOL	2"	2,38	60,4	2,50	63,4	1300	90	5200	360	15,75	400
TH2SN32DOL	2"	2,50	63,5	2,61	66,2	1160	80	4640	320	24,80	630												