

## TEKNO 2SN

EN 853 2SN, SAE 100 R2AT

Medium-high pressure hydraulic systems; return lines; suction lines



**Alternative**  Evergreen  
**Versions:**  Forever

Code	Hose Size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight	
	D.N.	mm	Inch	mm	inch	bar	psi	bar	psi	mm	inch	kg/mt	lb/ft
TH2SN03	5	4.8	3/16"	13.1	0.52	415	6010	1660	24040	90	3.54	0.25	0.17
TH2SN04	6	6.4	1/4"	14.6	0.57	400	5800	1600	23200	100	3.94	0.35	0.24
TH2SN05	8	7.9	5/16"	16.3	0.64	350	5070	1400	20280	115	4.53	0.37	0.25
TH2SN06	10	9.5	3/8"	19	0.75	330	4780	1320	19120	130	5.12	0.52	0.35
TH2SN08	12	12.8	1/2"	22.2	0.87	275	3980	1100	15920	180	7.09	0.62	0.42
TH2SN10	16	16	5/8"	25	0.98	250	3620	1000	14480	200	7.87	0.7	0.47
TH2SN12	19	19	3/4"	29.2	1.15	215	3110	860	12440	240	9.45	0.85	0.57
TH2SN16	25	25.4	1"	37.1	1.46	165	2390	660	9560	300	11.81	1.26	0.85
TH2SN20	31	31.8	1 1/4"	46.7	1.83	125	1810	500	7240	420	16.54	1.77	1.19
TH2SN24	38	38.1	1 1/2"	53.8	2.12	100	1450	400	5800	500	19.69	2.1	1.41
TH2SN32	51	50.8	2"	66.3	2.61	90	1300	360	5220	630	24.8	2.64	1.77

To order the Evergreen version, add EV to the end of the code.

To order the Forever version, add FV to the end of the code.

Hose layline example

	<b>TEKNO 2SN 3/8"</b>	Flame Resistant	<b>MSHA IC-365/01</b>	EN 853 2SN SAE 100 R2AT	330 Bar 33 MPa	<b>4780 Psi</b>
--	-----------------------	--------------------	-----------------------	----------------------------	-------------------	-----------------

**OPERATING TEMPERATURE RANGE:**

-40°C/+100°C  
 (-40°F/+212°F)  
 with peaks of +125°C (257°F)

**TUBE:**

Oil resistant synthetic rubber

**REINFORCEMENT:**

2 high tensile steel braids

**COVER:**

**Standard cover:** Synthetic rubber (MSHA approved)  
**Evergreen EV:** High-abrasion, ozone-resistant synthetic rubber (MSHA approved)  
**Forever FV:** Polyethylene-coated synthetic rubber with extreme resistance to abrasion, ozone, and UV (MSHA approved)

**CERTIFICATIONS:**