

## TEKNO 1SC

EN 857 1SC, ISO 11237

Low-medium pressure hydraulic systems; pilot lines; return lines; narrow spaces


**Features:** 
**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
TH1SC03	5	4.8	3/16"	10.8	0.42	250	3625	1000	14500	45	1.77	0.15	0.1
TH1SC04	6	6.4	1/4"	12.2	0.48	225	3260	900	13050	50	1.97	0.19	0.13
TH1SC05	8	7.9	5/16"	13.5	0.53	215	3110	860	12470	55	2.17	0.22	0.15
TH1SC06	10	9.5	3/8"	15.6	0.61	180	2610	720	10440	65	2.56	0.25	0.17
TH1SC08	12	12.8	1/2"	19.1	0.75	160	2320	640	9280	90	3.54	0.33	0.22
TH1SC10	16	16	5/8"	22.4	0.88	130	1880	520	7540	100	3.94	0.44	0.3
TH1SC12	19	19	3/4"	26	1.02	105	1520	420	6090	120	4.72	0.51	0.34
TH1SC16	25	25.4	1"	33.4	1.31	88	1270	352	5100	150	5.9	0.73	0.49
TH1SC20	31	31.8	1 1/4"	40.9	1.61	70	1015	280	4060	210	8.27	0.98	0.66
TH1SC24	38	38.1	1 1/2"	47.5	1.87	60	870	240	3480	250	9.84	1.08	0.73
TH1SC32	51	50.8	2"	60.5	2.38	45	650	180	2610	315	12.4	1.46	0.98

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 1SC 3/8"</b>	Flame Resistant (9.5mm)	<b>MSHA IC-365/01</b>	EN 857 1SC ISO 11237	180 Bar 18 MPa	<b>2610 Psi</b>
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**OPERATING TEMPERATURE RANGE:**

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

**TUBE:**

Oil resistant synthetic rubber

**REINFORCEMENT:**

1 high tensile steel braid

**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:**
