

TEKNO 1SC PLUS

EXCEED EN 857 1SC, EXCEED ISO 11237 1SC

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

Features:    



Alternative 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
TH1SC04P	6	6.4	1/4"	12.2	0.48	290	4200	1160	16800	45	1.77	0.19	0.13
TH1SC05P	8	7.9	5/16"	13.5	0.53	255	3700	1020	14800	55	2.17	0.2	0.14
TH1SC06P	10	9.5	3/8"	15.6	0.61	230	3335	920	13400	60	2.36	0.26	0.17
TH1SC08P	12	12.8	1/2"	19.1	0.75	200	2900	800	11600	70	2.76	0.35	0.24
TH1SC10P	16	16	5/8"	22.4	0.88	160	2320	640	9300	90	3.54	0.44	0.3
TH1SC12P	19	19	3/4"	26	1.02	150	2175	600	8700	100	3.94	0.55	0.37
TH1SC16P	25	25.4	1"	33.4	1.31	110	1595	440	6400	150	5.9	0.68	0.46
TH1SC20P	31	31.8	1"1/4	40.9	1.61	100	1450	400	5800	210	8.27	1.01	0.68
TH1SC24P	38	38.1	1"1/2	47.5	1.87	75	1090	300	4360	250	9.84	1.17	0.79
TH1SC32P	51	50.8	2"	60.5	2.38	60	870	240	960	315	12.4	1.4	0.94

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

Hose layline example

	TEKNO 1SC PLUS 1/4" (6.4mm)	Flame Resistant	MSHA IC-365/01	EXCEED EN 857 1SC EXCEED ISO 11237 1SC	290 Bar 29 MPa	4200 Psi
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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:

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:

