

TEKNO 1ST

EN 853 1ST - ISO 1436 1ST

RECOMMENDED FOR:
MEDIUM PRESSURE HYDRAULIC LINES AND RETURN LINES

RACCOMANDATO PER:
LINEE DI MEDIE PRESSIONI E LINEE DI RITORNO



Alternative versions:  Evergreen ^{MSHA}
 Forever

Code	Hose size			Outside diameter		Max working pressure		Min burst pressure		Min bend radius		Weight		
		D.N.	Inch mm		Inch mm		PSI Bar		PSI Bar		Inch mm		Lb/ft kg/mt	
TH1ST03	5	3/16"	4,8	0,50	12,7	3620	250	14480	1000	3,54	90	0,17	0,25	
TH1ST04	6	1/4"	6,4	0,63	15,9	3260	225	13040	900	3,94	100	0,20	0,30	
TH1ST05	8	5/16"	7,9	0,69	17,5	3110	215	12440	860	4,53	115	0,26	0,38	
TH1ST06	10	3/8"	9,5	0,78	19,8	2610	180	10440	720	5,12	130	0,29	0,43	
TH1ST08	12	1/2"	12,8	0,91	23,0	2320	160	9280	640	7,09	180	0,37	0,55	
TH1ST10	16	5/8"	16,0	1,03	26,2	1880	130	7520	520	7,87	200	0,43	0,64	
TH1ST12	19	3/4"	19,0	1,19	30,2	1520	105	6080	420	9,45	240	0,52	0,77	
TH1ST16	25	1"	25,4	1,50	38,1	1270	88	5080	352	11,81	300	0,79	1,18	
TH1ST20	31	1" 1/4	31,8	1,81	46,0	910	63	3640	252	16,54	420	1,03	1,53	
TH1ST24	38	1" 1/2	38,1	2,06	52,4	720	50	2880	200	19,69	500	1,14	1,69	
TH1ST32	51	2"	50,8	2,63	66,7	580	40	2320	160	24,80	630	1,68	2,50	



Tekno 1ST 3/8"

(9,5mm)

EN 853
ISO 1436180 Bar
18 MPa

2610 Psi

MARKING/MARCATURA: TRANSFER TAPE

OPERATING
TEMPERATURE RANGE:
- 40°C/+100°C
(-40°F to +212°F)
with peak of +125°C (257°F)

TUBE:
oil resistant synthetic rubber

REINFORCEMENT:
1 high tensile steel braid

COVER:
Standard: synthetic rubber
Evergreen EV: High abrasion resistant
(MSHA approved flame resistance)
Forever FV: Very High abrasion resistant

TEMPERATURA
DI ESERCIZIO:
- 40°C/+100°C
(-40°F / +212°F)
con punte di +125°C (257°F)

SOTTOSTRATO:
gomma sintetica resistente agli oli

RINFORZO:
1 treccia di acciaio ad alto carico

COPERTURA:
Standard: gomma sintetica
Evergreen EV: alta resistente all'abrasione
(omologazione MSHA resistenza alla fiamma)
Forever FV: altissima resistenza all'abrasione

TYPE APPROVAL:



Note: TO ORDER EVERGREEN VERSION  PLEASE ADD "EV" TO THE CODE
TO ORDER FOREVER VERSION  PLEASE ADD "FV" TO THE CODE