

## // FLEXOR 1SN/R1AT - MINETUFF ISO 1436-1 - SAE 100 R1AT - EN 853 1SN

**Tube:** oil resistant synthetic rubber.  
**Reinforcement:** one high tensile steel braid.  
**Cover:** abrasion, ozone and hydrocarbon resistant synthetic rubber.  
**MSHA APPROVED**  
**Application:** high pressure hydraulic lines, fuel oil, antifreeze solutions, air and water.  
**Constant operation:** -40 °C +100 °C (-40 °F +212 °F)  
 air max T = +70 °C (+160 °F)  
**Safety factor:** 1:4  
**Length:** random up to 1" - 61 m max over 1"1/4



Item Code	Dash	↔		↔		⬇		⬇		⤵		⚖	
		mm	in	mm	in	Mpa	psi	Mpa	psi	mm	in	kg/m	lb/ft
1002311	04	6,0	1/4"	12,70	0,50	22,5	3250	90,0	13000	100,0	3,94	0,192	0,13
1002312	05	8,0	5/16"	14,20	0,56	21,5	3120	86,0	12500	115,0	4,53	0,228	0,16
1002313	06	10,0	3/8"	16,50	0,65	18,0	2610	72,0	10500	130,0	5,12	0,287	0,20
1002314	08	13,0	1/2"	19,90	0,78	16,0	2320	64,0	9280	180,0	7,09	0,372	0,26
1002315	10	16,0	5/8"	23,00	0,91	13,0	1900	52,0	7560	200,0	7,87	0,420	0,29
1002316	12	19,0	3/4"	27,00	1,06	10,5	1530	42,0	6000	240,0	9,45	0,543	0,37
1002317	16	25,0	1"	35,00	1,38	8,8	1280	35,2	5100	300,0	11,81	0,864	0,59
1002497	20	32,0	1 1/4"	42,10	1,66	6,3	920	25,2	3680	420,0	16,54	1,042	0,71
1002319	24	38,0	1 1/2"	49,20	1,94	5,0	730	20,0	2900	500,0	19,69	1,330	0,90
1002321	32	51,0	2"	62,40	2,46	4,0	600	16,0	2320	630,0	24,80	1,835	1,24

### // SYMBOLS

↔ // INTERNAL DIAMETER

↔ // OUTSIDE DIAMETER

⬇ // MAXIMUM WORKING PRESSURE

⬇ // MINIMUM BURST PRESSURE

⤵ // MINIMUM BEND RADIUS

⬇ // WALL THICKNESS

⚖ // WEIGHT