TRANSFER OIL
Pure Fluid Attitude

Crimping details

Last updated: 14/09/2026

052 - R7 MARINER

Transfer Oil reserve the rights to introduce improving modifications whenever necessary.
The listed crimping data have been developed in Transfer Oil R&D laboratories and refer to tests carried out on thermoplastic hoses manufactured by Transfer Oil, and specific Transfer Oil approved ferrules and fittings.
Such values are anyway to be considered advisory and not binding for Transfer Oil because the impossibility to consider technical variability like the swaging machine used, the set of crimping dies used, the speed of the crimping process, the tolerances of each single item involved, etc.
For new applications or for hoses, ferrules and fittings not listed in this file please contact us, and we will be happy to help you in finding the best match.

Part no.	Description	Dash	Inches	DN	ID (mm)	OD (mm)	WP (bar)	WP (psi)	BP (bar)	BP (psi)	Ferrule part n°	Ferrule material	Crimping diameter (mm)	Crimping diameter (inch)	Bore collapse (mm)	Bore collapse (inch)	go/nogo gauge	dies set* (mm)
0520	1/8 R7 MARINER	-2	1/8	DN4	4.0	8.3	210	3000	840	12000	SAB801	Stainless Steel (A316L)	10	0.394	0.3	0.0118	N/A	10
0520	1/8 R7 MARINER	-2	1/8	DN4	4.0	8.3	210	3000	840	12000	SAB101	Carbon Steel	10	0.394	0.3	0.0118	N/A	10
0521	3/16 R7 MARINER	-3	3/16	DN5	5.0	9.6	210	3000	840	12000	SAB811	Stainless Steel (A316L)	11.9	0.469	0.3	0.0118	N/A	12
0521	3/16 R7 MARINER	-3	3/16	DN5	5.0	9.6	210	3000	840	12000	SAB111	Carbon Steel	11.9	0.469	0.3	0.0118	N/A	12
0522	1/4 R7 MARINER	-4	1/4	DN6	6.5	12.2	210	3000	840	12000	SAB821	Stainless Steel (A316L)	14.7	0.579	0.3	0.0118	N/A	14
0522	1/4 R7 MARINER	-4	1/4	DN6	6.5	12.2	210	3000	840	12000	SAB121	Carbon Steel	14.7	0.579	0.3	0.0118	N/A	14
0523	5/16 R7 MARINER	-5	5/16	DN8	8.1	14.3	190	2700	760	10800	SAB831	Stainless Steel (A316L)	17.1	0.673	0.3	0.0118	N/A	16
0523	5/16 R7 MARINER	-5	5/16	DN8	8.1	14.3	190	2700	760	10800	SAB131	Carbon Steel	17.1	0.673	0.3	0.0118	N/A	16
0524	3/8 R7 MARINER	-6	3/8	DN10	9.7	16.0	160	2300	640	9200	SAB841	Stainless Steel (A316L)	18.6	0.732	0.3	0.0118	N/A	16
0524	3/8 R7 MARINER	-6	3/8	DN10	9.7	16.0	160	2300	640	9200	SAB141	Carbon Steel	18.6	0.732	0.3	0.0118	N/A	16
0525	1/2 R7 MARINER	-8	1/2	DN12	13.0	20.3	140	2000	560	8000	SAB851	Stainless Steel (A316L)	22.9	0.902	0.7	0.0276	N/A	23
0525	1/2 R7 MARINER	-8	1/2	DN12	13.0	20.3	140	2000	560	8000	SAB151	Carbon Steel	22.9	0.902	0.7	0.0276	N/A	23
0526	5/8 R7 MARINER	-10	5/8	DN16	16.3	23.7	105	1500	420	6000	SAB861	Stainless Steel (A316L)	26.5	1.043	0.5	0.0197	N/A	23
0526	5/8 R7 MARINER	-10	5/8	DN16	16.3	23.7	105	1500	420	6000	SAB161	Carbon Steel	26.5	1.043	0.5	0.0197	N/A	23
0527	3/4 R7 MARINER	-12	3/4	DN20	19.5	27.1	90	1300	360	5200	SAB871	Stainless Steel (A316L)	29.5	1.161	0.5	0.0197	N/A	27
0527	3/4 R7 MARINER	-12	3/4	DN20	19.5	27.1	90	1300	360	5200	SAB171	Carbon Steel	29.5	1.161	0.5	0.0197	N/A	27
0528	1 R7 MARINER	-16	1	DN25	25.9	34.0	70	1000	280	4000	SAB881	Stainless Steel (A316L)	37.5	1.476	0.5	0.0197	N/A	36
0528	1 R7 MARINER	-16	1	DN25	25.9	34.0	70	1000	280	4000	SAB181	Carbon Steel	37.5	1.476	0.5	0.0197	N/A	36

* The dies set indicated are a standard die set for FinnPower FP20 swaging machine, as used in the R&D laboratory of Transfer Oil, used to verify the swaging parameters.