TRANSFER OIL
Pure Fluid Attitude

Crimping details

Last updated: 14/09/2026

092 - PILOT FL

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)
0920	1/8 PILOT FL	-2	1/8	DN4	4.0	7.1	175	2500	700	10000	SAB801	Stainless Steel (A316L)	9.4	0.370	0.2	0.0079	N/A	8
0920	1/8 PILOT FL	-2	1/8	DN4	4.0	7.1	175	2500	700	10000	SAB101	Carbon Steel	9.4	0.370	0.2	0.0079	N/A	8
0921	3/16 PILOT FL	-3	3/16	DN5	5.0	8.5	150	2100	600	8400	SA1811	Stainless Steel (A316L)	11	0.433	0.3	0.0118	N/A	10
0921	3/16 PILOT FL	-3	3/16	DN5	5.0	8.5	150	2100	600	8400	SA1111	Carbon Steel	11	0.433	0.3	0.0118	N/A	10
0922	1/4 PILOT FL	-4	1/4	DN6	6.5	10.6	140	2000	560	8000	SA1821	Stainless Steel (A316L)	13.3	0.524	0.3	0.0118	N/A	12
0922	1/4 PILOT FL	-4	1/4	DN6	6.5	10.6	140	2000	560	8000	SA1121	Carbon Steel	13.3	0.524	0.3	0.0118	N/A	12
0923	5/16 PILOT FL	-5	5/16	DN8	8.1	12.5	120	1700	480	6800	SA1831	Stainless Steel (A316L)	15.3	0.602	0.3	0.0118	N/A	14
0923	5/16 PILOT FL	-5	5/16	DN8	8.1	12.5	120	1700	480	6800	SA1131	Carbon Steel	15.3	0.602	0.3	0.0118	N/A	14
0924	3/8 PILOT FL	-6	3/8	DN10	9.7	14.4	110	1500	440	6000	SA1841	Stainless Steel (A316L)	17.4	0.685	0.3	0.0118	N/A	16
0924	3/8 PILOT FL	-6	3/8	DN10	9.7	14.4	110	1500	440	6000	SA1141	Carbon Steel	17.4	0.685	0.3	0.0118	N/A	16
0925	1/2 PILOT FL	-8	1/2	DN12	13.0	19.1	100	1400	400	5600	SA1851	Stainless Steel (A316L)	23	0.906	0.4	0.0157	N/A	23
0925	1/2 PILOT FL	-8	1/2	DN12	13.0	19.1	100	1400	400	5600	SA1151	Carbon Steel	23	0.906	0.4	0.0157	N/A	23

* 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.