TRANSFER OIL
Pure Fluid Attitude

Crimping details

Last updated: 14/09/2026

142 - R18 CPLT 3000 NEO

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)
1421	3/16 R18 CPLT 3000 NEO	-3	3/16	DN5	5.0	9.1	210	3000	840	12000	SAB811	Stainless Steel (A316L)	11.5	0.453	0.3	0.0118	N/A	10
1421	3/16 R18 CPLT 3000 NEO	-3	3/16	DN5	5.0	9.1	210	3000	840	12000	SAB111	Carbon Steel	11.5	0.453	0.3	0.0118	N/A	10
1422	1/4 R18 CPLT 3000 NEO	-4	1/4	DN6	6.5	11.8	210	3000	840	12000	SAB821	Stainless Steel (A316L)	14.3	0.563	0.3	0.0118	N/A	14
1422	1/4 R18 CPLT 3000 NEO	-4	1/4	DN6	6.5	11.8	210	3000	840	12000	SAB121	Carbon Steel	14.3	0.563	0.3	0.0118	N/A	14
1423	5/16 R18 CPLT 3000 NEO	-5	5/16	DN8	8.1	14.3	210	3000	840	12000	SAB831	Stainless Steel (A316L)	16.9	0.665	0.3	0.0118	N/A	16
1423	5/16 R18 CPLT 3000 NEO	-5	5/16	DN8	8.1	14.3	210	3000	840	12000	SAB131	Carbon Steel	16.9	0.665	0.3	0.0118	N/A	16
1424	3/8 R18 CPLT 3000 NEO	-6	3/8	DN10	9.7	16.5	210	3000	840	12000	SAB841	Stainless Steel (A316L)	18.9	0.744	0.3	0.0118	N/A	19
1424	3/8 R18 CPLT 3000 NEO	-6	3/8	DN10	9.7	16.5	210	3000	840	12000	SAB141	Carbon Steel	18.9	0.744	0.3	0.0118	N/A	19
1425	1/2 R18 CPLT 3000 NEO	-8	1/2	DN12	13.0	21.3	210	3000	840	12000	SA5851	Stainless Steel (A316L)	24.1	0.949	0.5	0.0197	N/A	23
1425	1/2 R18 CPLT 3000 NEO	-8	1/2	DN12	13.0	21.3	210	3000	840	12000	SA5151	Carbon Steel	24.1	0.949	0.5	0.0197	N/A	23
1426	5/8 R18 CPLT 3000 NEO	-10	5/8	DN16	16.3	26.0	210	3000	840	12000	SA5861	Stainless Steel (A316L)	30.5	1.201	0.7	0.0276	N/A	27
1426	5/8 R18 CPLT 3000 NEO	-10	5/8	DN16	16.3	26.0	210	3000	840	12000	SA5161	Carbon Steel	30.5	1.201	0.7	0.0276	N/A	27

* 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.