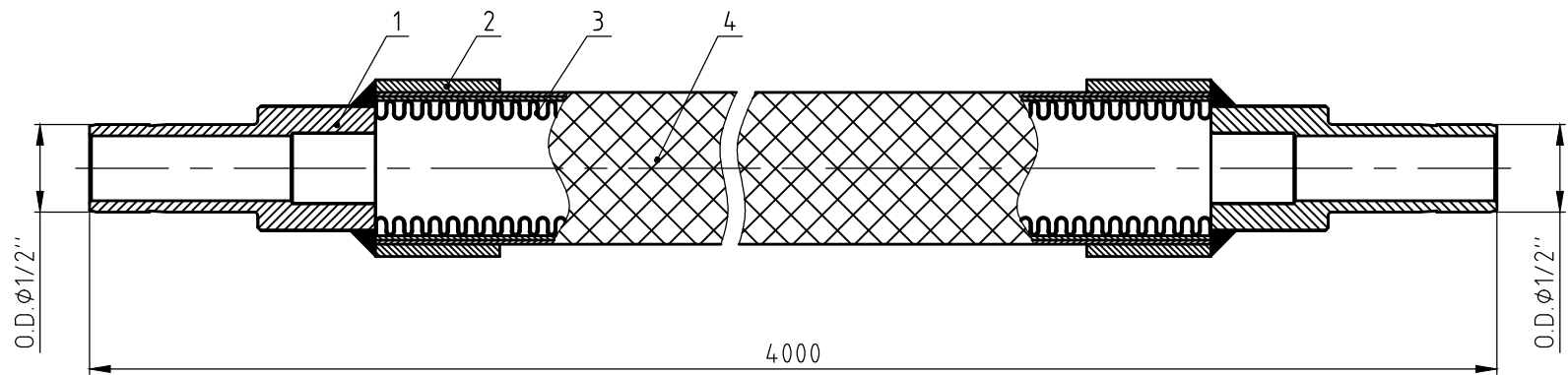


Component		Material Grade
1	Connecting Rod	316 S.S./ASTM A479
2	Ferrule	304 S.S.
3	Flexible Hose	316 S.S./ASTM A240
4	Braid Hose	304 S.S.



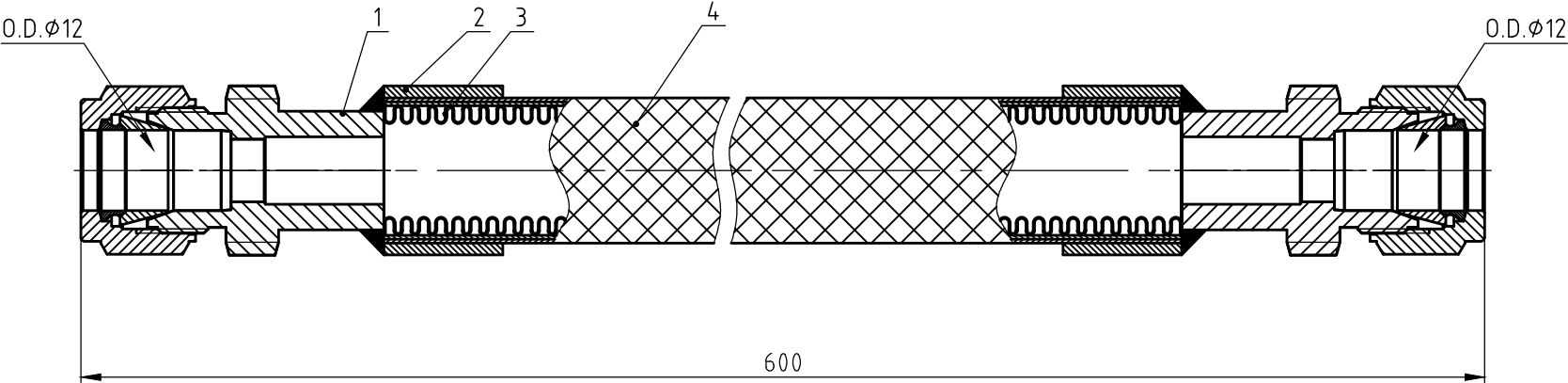
Technical Data:

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-325 (-200) to 100 (37)	1800 (124)	700 (371)	1062 (73.1)
200 (93)	1512 (104)	800 (426)	1026 (70.6)
300 (148)	1368 (94.2)	850 (454)	1008 (69.4)
400 (204)	1260 (86.8)		
500 (260)	1170 (80.6)		
600 (315)	1116 (76.8)		

A	Feb.27.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Metal Flexible Hose		
		Model	MF1-8-FT8-M4000-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Connecting Rod	316.S.S/ASTM A276
2	Ferrule	304.S.S
3	Flexible Hose	316.S.S/ASTM A240
4	Braid Hose	304.S.S



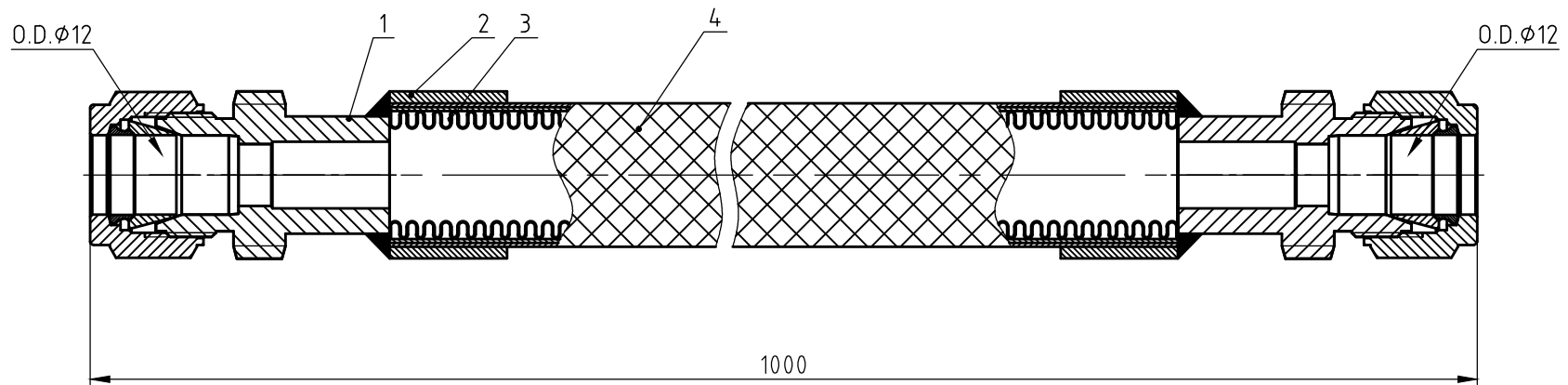
Technical Data:

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-325 (-200) to 100 (37)	1800 (124)	700 (371)	1062 (73.1)
200 (93)	1512 (104)	800 (426)	1026 (70.6)
300 (148)	1368 (94.2)	850 (454)	1008 (69.4)
400 (204)	1260 (86.8)		
500 (260)	1170 (80.6)		
600 (315)	1116 (76.8)		

A	Mar.23.2022				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Metal Flexible Hose		
		Model	MF1-8-M12-M600-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Connecting Rod	316 S.S./ASTM A479
2	Ferrule	304 S.S.
3	Flexible Hose	316L S.S./ASTM A240
4	Braid Hose	304 S.S./ASTM A313

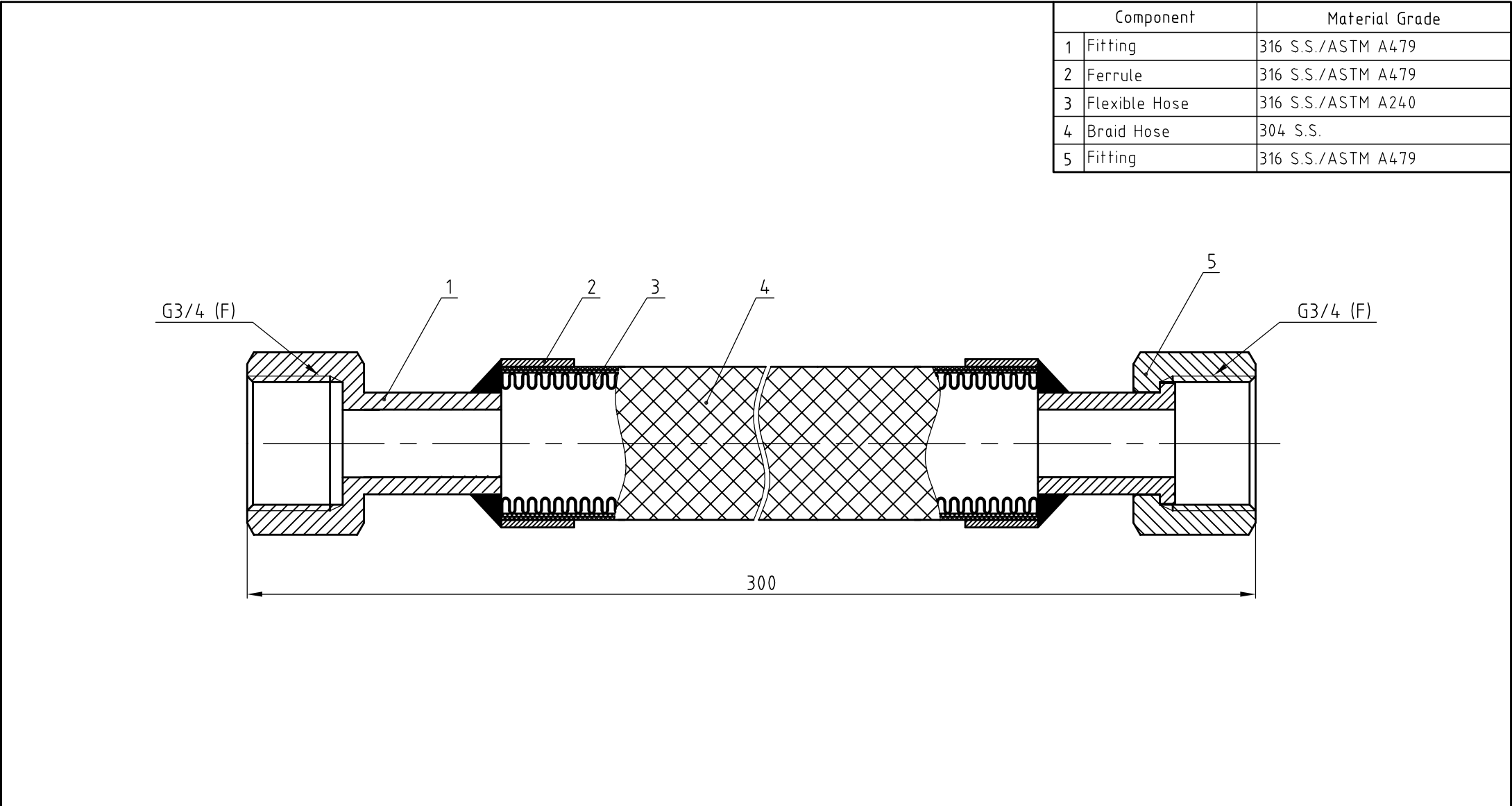


Technical Data:

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-325 (-200) to 100 (37)	1800 (124)	700 (371)	1062 (73.1)
200 (93)	1512 (104)	800 (426)	1026 (70.6)
300 (148)	1368 (94.2)	850 (454)	1008 (69.4)
400 (204)	1260 (86.8)		
500 (260)	1170 (80.6)		
600 (315)	1116 (76.8)		

A	Jun.09.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Metal Flexible Hose		
		Model	MF1-8-M12-M1000-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Fitting	316 S.S./ASTM A479
2	Ferrule	316 S.S./ASTM A479
3	Flexible Hose	316 S.S./ASTM A240
4	Braid Hose	304 S.S.
5	Fitting	316 S.S./ASTM A479

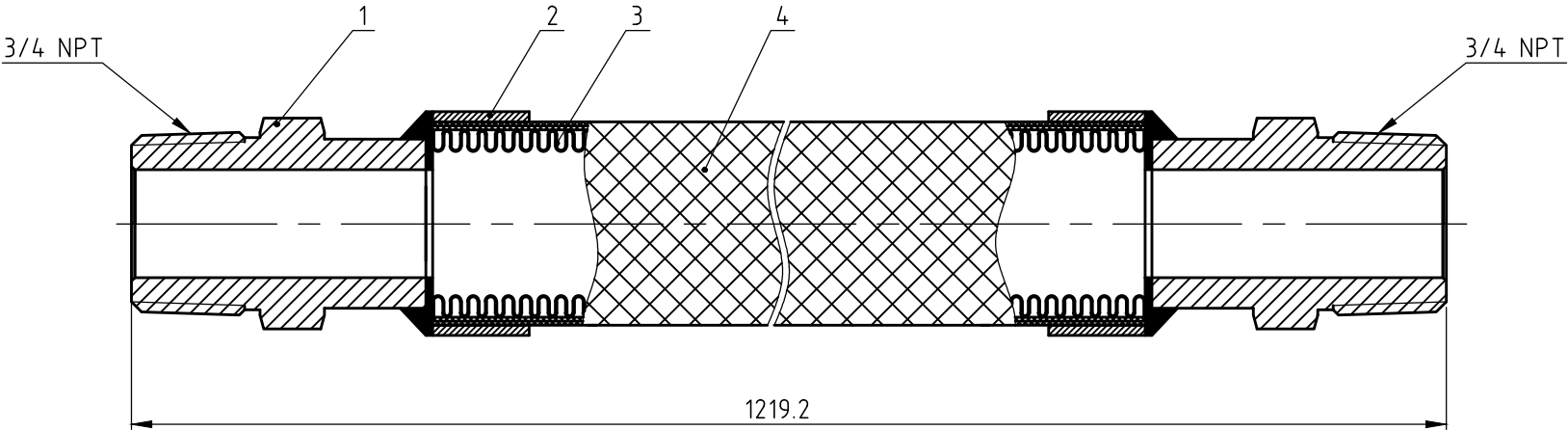
Technical Data:

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-325 (-200) to 100 (37)	1500 (103)	700 (371)	885 (60.9)
200 (93)	1260 (86.8)	800 (426)	855 (58.9)
300 (148)	1140 (78.5)	850 (454)	840 (57.8)
400 (204)	1050 (72.3)		
500 (260)	975 (67.1)		
600 (315)	930 (64.0)		

A	May.16,2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Metal Flexible Hose		
		Model	MF1-12-FBP12-SFBP12-M300-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Fitting	316 S.S./ASTM A479
2	Ferrule	316 S.S./ASTM A479
3	Flexible Hose	316 S.S./ASTM A240
4	Braid Hose	304 S.S.

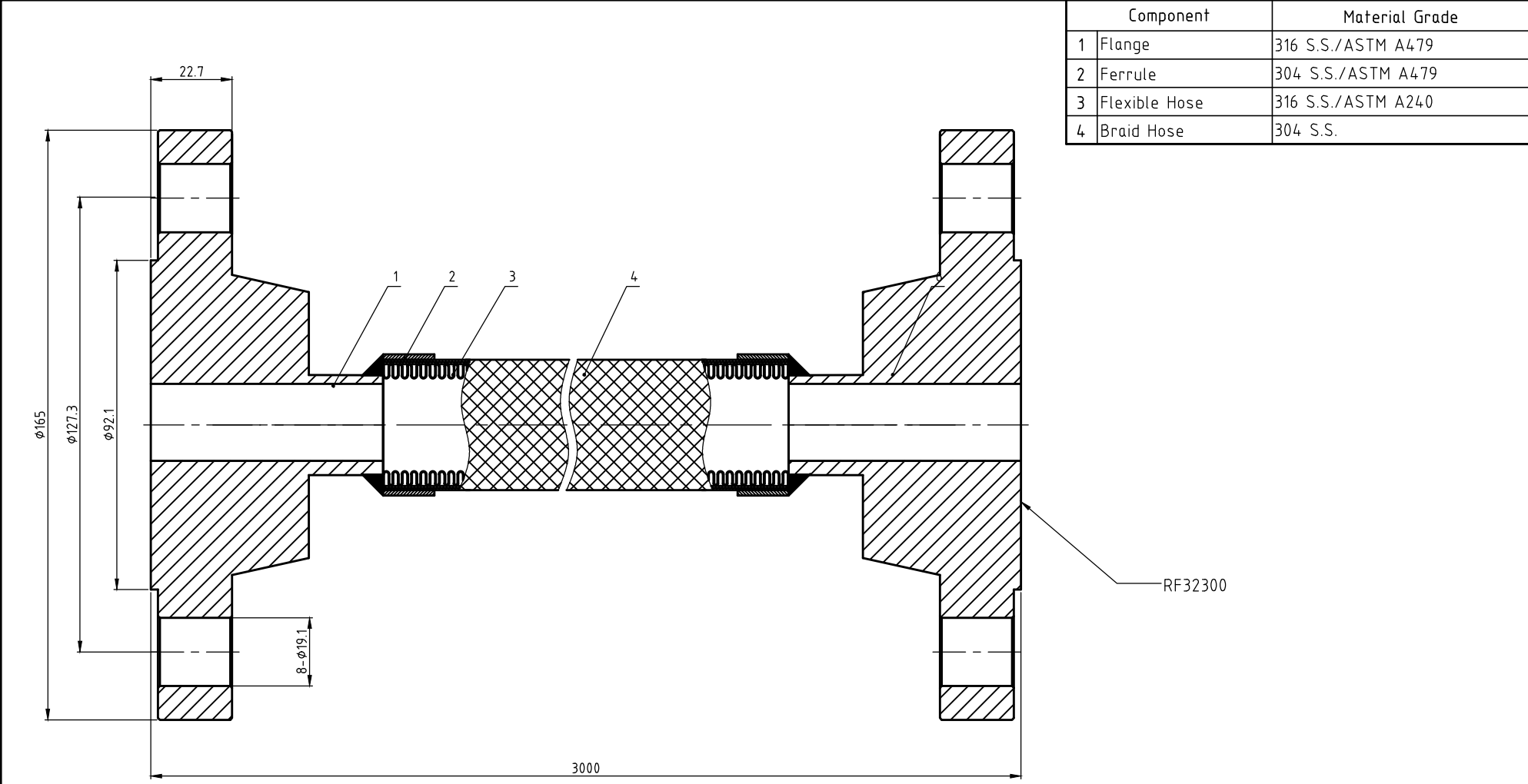


Technical Data:

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-325 (-200) to 100 (37)	1500 (103)	700 (371)	885 (60.9)
200 (93)	1260 (86.8)	800 (426)	855 (58.9)
300 (148)	1140 (78.5)	850 (454)	840 (57.8)
400 (204)	1050 (72.3)		
500 (260)	975 (67.1)		
600 (315)	930 (64.0)		

A	Jul.24,2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Metal Flexible Hose		
		Model	MF1-12-NPT12-F48-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		



Component		Material Grade
1	Flange	316 S.S./ASTM A479
2	Ferrule	304 S.S./ASTM A479
3	Flexible Hose	316 S.S./ASTM A240
4	Braid Hose	304 S.S.

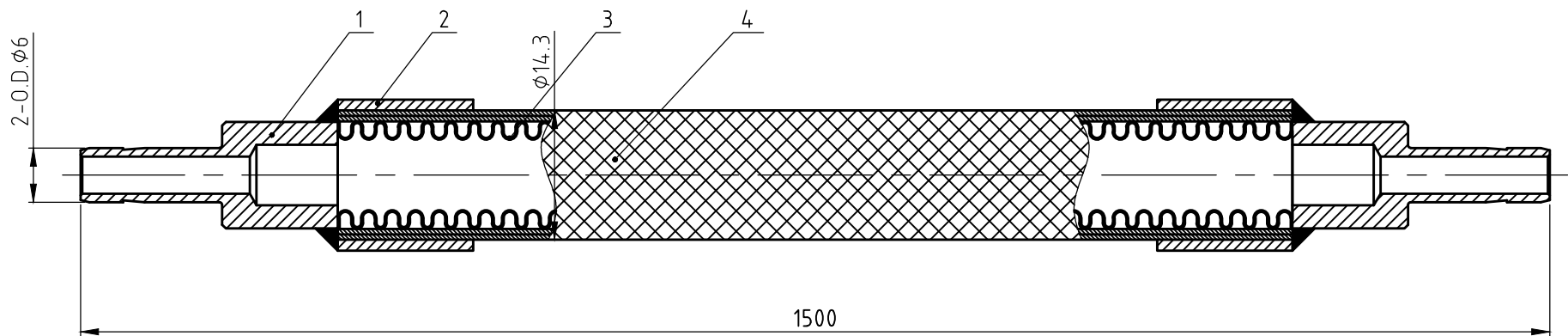
Technical Data:

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-325 (-200) to 100 (37)	1200 (82.6)	700 (371)	708 (48.7)
200 (93)	1008 (69.4)	800 (426)	684 (47.1)
300 (148)	912 (62.8)	850 (454)	672 (46.3)
400 (204)	840 (57.8)		
500 (260)	780 (53.7)		
600 (315)	744 (51.2)		

A	Sep.21.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Metal Flexible Hose		
		Model	MF1-16-RF32300-M3000-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Fitting	316 S.S./ASTM A276
2	Ferrule	316 S.S./ASTM A276
3	Flexible Hose	316 S.S./ASTM A240
4	Braid Hose	304 S.S.



Note: 1、 Hydrogen sulfide environment for products.
Standard of material execution: NACE MR 0175

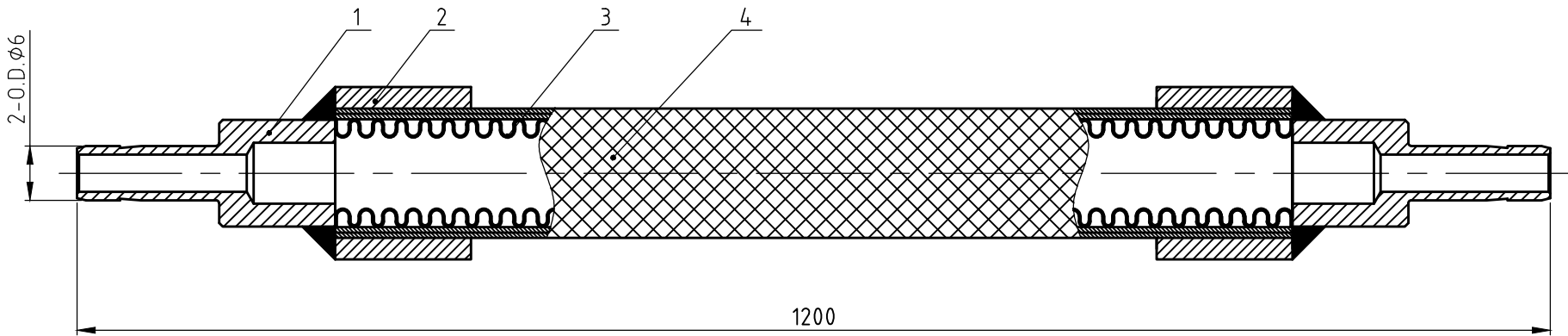
Technical Data:

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-325 (-200) to 100 (37)	3100 (213)	700 (371)	1829 (126)
200 (93)	2604 (179)	800 (426)	1767 (121)
300 (148)	2356 (162)	850 (454)	1736 (119)
400 (204)	2170 (149)		
500 (260)	2015 (138)		
600 (315)	1922 (132)		

A	Feb.22.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Metal Flexible Hose		
		Model	MF1-4-MT6-M800-316-NACE		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Fitting	316 S.S./ASTM A479
2	Ferrule	316 S.S./ASTM A479
3	Flexible Hose	316 S.S./ASTM A240
4	Braid Hose	304 S.S.



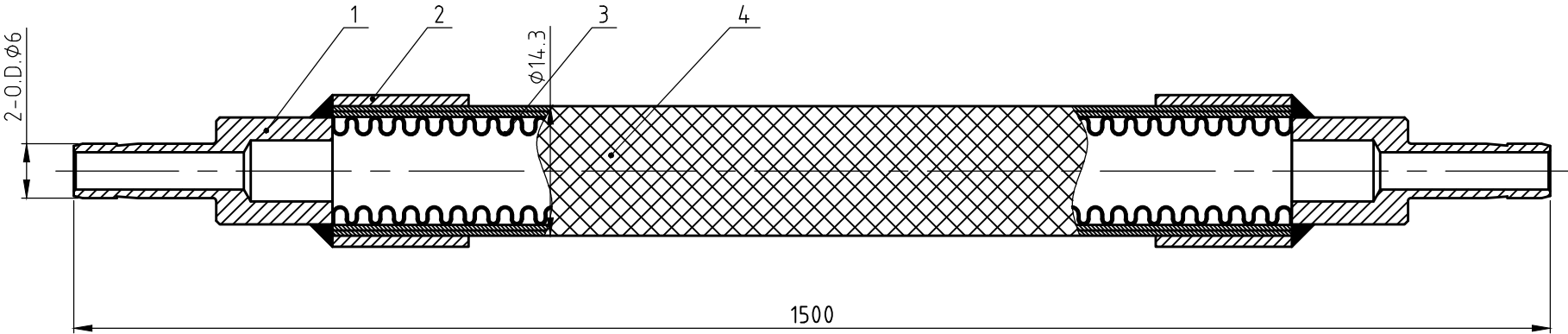
Technical Data:

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-325 (-200) to 100 (37)	3100 (213)	700 (371)	1829 (126)
200 (93)	2604 (179)	800 (426)	1767 (121)
300 (148)	2356 (162)	850 (454)	1736 (119)
400 (204)	2170 (149)		
500 (260)	2015 (138)		
600 (315)	1922 (132)		

A	Jul.25,2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Metal Flexible Hose		
		Model	MF1-4-MT6-M1200-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Fitting	316 S.S./ASTM A276
2	Ferrule	316 S.S./ASTM A276
3	Flexible Hose	316 S.S./ASTM A240
4	Braid Hose	304 S.S.



Note: 1、 Hydrogen sulfide environment for products.
Standard of material execution: NACE MR 0175

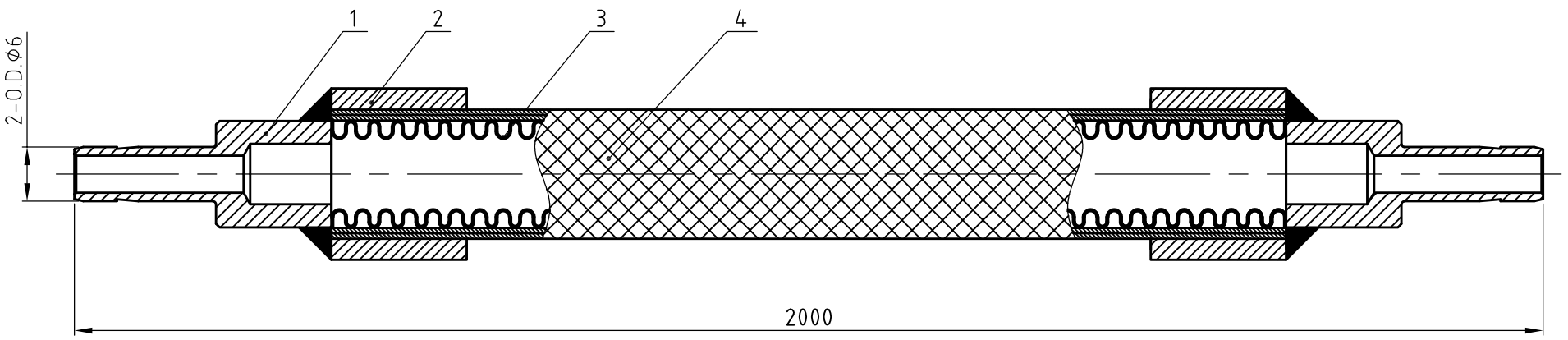
Technical Data:

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-325 (-200) to 100 (37)	3100 (213)	700 (371)	1829 (126)
200 (93)	2604 (179)	800 (426)	1767 (121)
300 (148)	2356 (162)	850 (454)	1736 (119)
400 (204)	2170 (149)		
500 (260)	2015 (138)		
600 (315)	1922 (132)		

A	Feb.22.2023				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Metal Flexible Hose		
		Model	MF1-4-MT6-M1500-316-NACE		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Fitting	316 S.S./ASTM A479
2	Ferrule	316 S.S./ASTM A479
3	Flexible Hose	316 S.S./ASTM A240
4	Braid Hose	304 S.S.



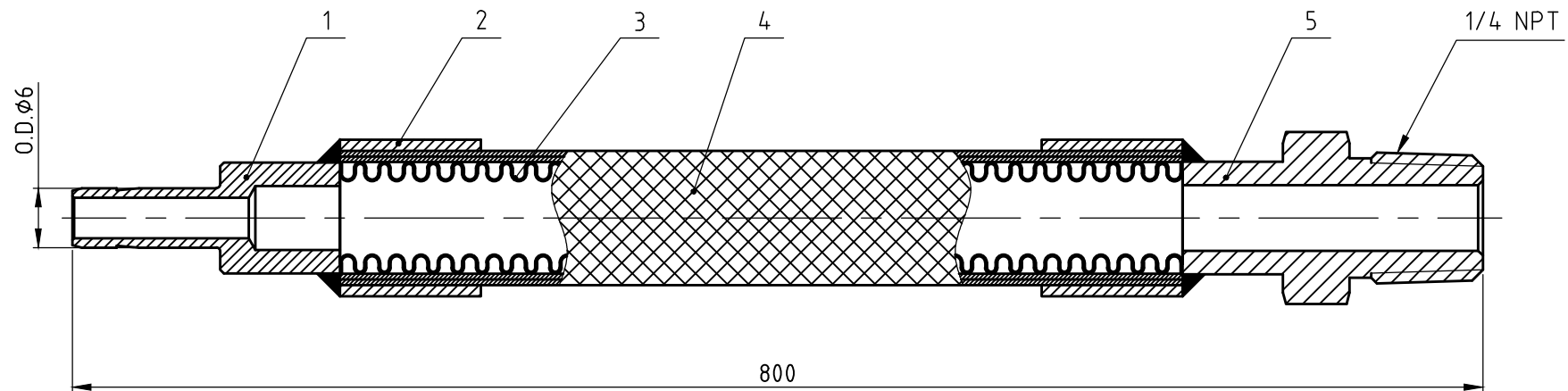
Technical Data:

Pressure vs. Temperature Ratings:

Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)
-325 (-200) to 100 (37)	3100 (213)	700 (371)	1829 (126)
200 (93)	2604 (179)	800 (426)	1767 (121)
300 (148)	2356 (162)	850 (454)	1736 (119)
400 (204)	2170 (149)		
500 (260)	2015 (138)		
600 (315)	1922 (132)		

A	Apr.22,2024				YES
REV	Revision Date	Created	Checked	Approved	Status
CIR-LOK		Title	Metal Flexible Hose		
		Model	MF1-4-MT6-M2000-316		
Format	A4	Unit	mm	View	
Scale	Not 1:1	Page	1 of 1		

Component		Material Grade
1	Fitting	316 S.S./ASTM A479
2	Ferrule	316 S.S./ASTM A276
3	Flexible Hose	316 S.S./ASTM A240
4	Braid Hose	304 S.S.
5	Fitting	316 S.S./ASTM A479



Note: 1、 Hydrogen sulfide environment for products.
Standard of material execution: NACE MR 0175

Technical Data:

Pressure vs. Temperature Ratings:

		Temperature °F (°C)	Working Pressure psig (bar)	Temperature °F (°C)	Working Pressure psig (bar)						
		-325 (-200) to 100 (37)	3100 (213)	700 (371)	1829 (126)						
		200 (93)	2604 (179)	800 (426)	1767 (121)						
		300 (148)	2356 (162)	850 (454)	1736 (119)						
		400 (204)	2170 (149)								
		500 (260)	2015 (138)								
		600 (315)	1922 (132)								