



Valves and fittings for oxygen service, cleaned and degreased, are only to be delivered in brass and stainless steel (steel is not suitable for oxygen).

The below mentioned additional designations for cleaned and degreased parts (F1 to F5) are defining the pressure rating and the adequate packing (except F0, please see below).

F0: For valves and fittings without packing (e.g. gauge snubbers, gauge protectors, multi-way cocks, components etc.)
Operating datas on demand.

For cocks with plug seal (e.g. multi-way cocks) is valid:
max. 63 bar, max. 60°C

Standard Execution

F1: PN 100
PTFE packing with BAM tested packing support
Pressure and temperature rating: max. 100 bar, max. 60°C

F4: PN 250
Graphite packing, BAM tested
Pressure and temperature rating: max. 250 bar at 60°C
max. 200°C at 230 bar

F5: Max. PN 420
PTFE packing, BAM tested
Pressure and temperature rating: max. 420 bar at 60°C
max. 200 °C at 90 bar

HOW TO ORDER

Examples:

1. Adaptor according to DIN 16 281
Connections: G 1/2 male/female
Material: brass
Part no. for standard execution: S006.06.000
Part no. for oxygen execution: S006.06.000.00F0
2. Pressure gauge valve, DIN 16 270, PN 100 DN 4
Connections: G 1/2 male/female
Material: brass
Part no. for standard execution: S004.16.000
Part no. for oxygen execution: S004.16.000.00F1
3. 5 valve manifold, PN 420 DN 5
Connections: tube fitting
O. D. 12 mm, line S
Material: 1.4571
Part no. for standard execution: S541.38.225
Part no. for oxygen execution: S541.38.225.00F5

Important instruction:

For orders of valves and fittings for oxygen service without supplement F1, F4 or F5 or without information about pressure rating, the standard execution PN 100 (F1) will be delivered.