

Test Hoses and Connectors



Technical Data Test Hose



			A	B	C	D
Nominal Bore (DN)		(mm)	DN 2		DN 4	
Max. Working Pressure (PN)		(bar / PSI)	400 / 5801	630 / 9135	340 / 4931	630 / 9135
Min. Burst Pressure		(bar / PSI)	1100 / 15954	1900 / 27557	850 / 12328	1900 / 27557
Testing Pressure		(bar / PSI)	600 / 8702	950 / 13778	570 / 8267	950 / 13779
Pressure Rating in bar / PSI at Indicated Temperature	at 0 °C / 32 °F (122 %)	(bar / PSI)	488 / 7077	768 / 11139	415 / 6016	768 / 11139
	at 30 °C / 86 °F (110 %)		440 / 6381	693 / 10051	374 / 5424	693 / 10051
	at 50 °C / 122 °F (100 %)		400 / 5801	630 / 9137	340 / 4931	630 / 9137
	at 80 °C / 176 °F (86 %)		344 / 4989	542 / 7861	292 / 4241	542 / 7861
	at 100 °C / 212 °F (77 %)		308 / 4467	485 / 7034	262 / 3797	485 / 7034
Working Temperature		(°C / °F)	-35 °C ... +100 °C / -31 °F ... +212 °F (momentary +120 °C / +248 °F)			
Inside Diameter		(mm / in)	2 / .08		4 / .16	
Outside Diameter		(mm / in)	5 / .20		8,6 / .34	
Bending Radius ¹	at working pressure	(mm / in)	20 / .79		40 / 1.57	
	at -20 °C / 4 °F		30 / 1.18		60 / 2.36	
Max. Coil Length		(m / ft)	20 / 65.62			
Weight / m		(g / oz)	16 / .50			
Inner / Outer Tube			PA			
Reinforcement			Synthetic Fibre			
Standard hose end material is Steel 11 S Mn Pb 30 (1.0718), zinc/ nickel-plated (Type 15: Steel, black zinc/nickel-plated)						
Stainless Steel: V2A (1.4305/AISI 303), V4A (1.4571/AISI 316Ti) on request						

¹ Note: During mounting make sure that the bending radius for the test hose does not fall below the smallest permissible value.

STAUFF Test Hoses (Selection)

STAUFF-Test 20/20



STAUFF-Test 15/15


STAUFF-Test 12/12²


STAUFF-Test 10/10



Gauge Adaptor



Dimensional drawings: All dimensions in mm (in).





Test Hoses and Connectors

Ordering Codes STAUFF Test Hose



SMS ¹	20	/ M	3000	A	W3
Hose End 1 (see page 64 - 69)		Hose End 2 (see page 64 - 69)		Length	DN
20	A	J	Length mm (*see L above) Standard Length see table below.	A = DN 2 400 bar / 5802 PSI B = DN 2 630 bar / 9137 PSI C = DN 4 340 bar / 4931 PSI D = DN 4 630 bar / 9137 PSI	Material Hose End Standard hose end material is Steel 11 S Mn Pb 30 (1.0718), zinc/nickel-plated = W3 Type 15: Steel, black zinc/nickel-plated = W3 Stainless Steel: V2A (1.4305/AISI 303) = W4, on request V4A (1.4571/AISI 316Ti) = W5, on request
15	S	D			
12	K	B			
10	L	U			
M	G	P			
N	F	etc.			
W	C				
only specify when 2 different hose ends are required					
¹ for gaseous media type SGS - Test hoses are perforated					
² Type C and D - are perforated					

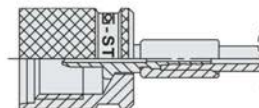
C

Standard Length L*	
mm	in
200	7.87
400	15.75
630	24.80
800	31.50
1000	39.37
1500	59.06
2000	78.74
2500	98.43
3200	125.98
4000	157.48



Bending protection on request.

Ordering Codes Hose End



HE	20	A	W3
Hose End (see page 64 - 69)		DN	Material Hose End
20	A	J	Standard hose end material is Steel 11 S Mn Pb 30 (1.0718), zinc/nickel-plated = W3 Type 15: Steel, black zinc/nickel-plated = W3 Stainless Steel: V2A (1.4305/AISI 303) = W4, on request V4A (1.4571/AISI 316Ti) = W5, on request
15	S	D	
12	K	B	
10	L	U	
M	G	P	
N	F	etc.	
W	C		
		A = DN 2 C = DN 4	

Dimensional drawings: All dimensions in mm (in).



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Catalogue 7 • Edition 06/2024

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Archivierung: 06/2025