

GSP push-in hose programs



Tubes with pressure carriers made from high strength textile braiding

Materials: Abrasion resistant, oil and weather resistance outside layer from synthetic rubber, inner layer from synthetic rubber, a textile insert as pressure carrier

Temperature range: -40°C to +100°C, air and oils max: +70°C, water up to max. +85°C

Media: Air, water, mineral oil based hydraulic oils, lubricating oils, water-oil emulsion, water-glycol.

Type	Colours	Hose Ø internal	Hose Ø external	Operating pressure	Burst pressure	Min. bend radius	Roll length m
GSP 6 **	● ● ● ● ●	6.4	12.7	-0.95 to 24 bar	97 bar	65	100
GSP 10 **	● ● ● ● ●	9.5	15.9	-0.95 to 24 bar	97 bar	75	100
GSP 12 **	● ● ● ● ●	12.7	19.8	-0.95 to 21 bar	84 bar	125	100
GSP 16 **	● ● ● ● ●	15.9	23.0	-0.51 to 21 bar	84 bar	150	80
GSP 20 **	● ● ● ● ●	19.1	26.2	-0.51 to 21 bar	84 bar	180	80
GSP 25 **	● ● ● ● ●	25.4	32.5	-0.51 to 14 bar	56 bar	250	50

! In your order please enter the required colour here!

Order example: GSP 6 **

Standard type

Order supplement for colour:

● black-SCHWARZ
● blue-BLAU
● red-ROT
● green-GRUN
● grey-GRAU



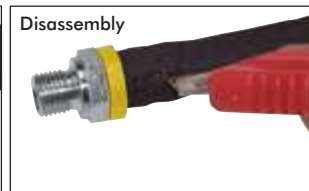
Assembling
Cut hose at a right angle.
For easy assembly spray the nipple
with soap solution.



Push the nipple in the hose and push
it firmly to the stop.



Hose is completely assembled and
pressure can be applied.



Disassembly
Cut the hose with a knife on the side,
while not damaging the nipple ribs -
risk of leaks!

Push-in fittings with union nuts, metric threads

24° cone



Type zinc-plated steel straight	Type zinc-plated steel 90°	Type zinc-plated steel 45°	Tube connection	Thread	Hose Ø internal	PN
STP M126	STPW90 M126	STPW45 M126	6 L	M 12 x 1.5	6.4	25 bar
STP M146	STPW90 M146	STPW45 M146	8 L	M 14 x 1.5	6.4	25 bar
STP M166	STPW90 M166	---	10 L	M 16 x 1.5	6.4	25 bar
STP M1610	STPW90 M1610	STPW45 M1610	10 L	M 16 x 1.5	9.5	20 bar
STP M1810	STPW90 M1810	STPW45 M1810	12 L	M 18 x 1.5	9.5	20 bar
STP M1812	---	---	12 L	M 18 x 1.5	12.7	16 bar
STP M2212	STPW90 M2212	STPW45 M2212	15 L	M 22 x 1.5	12.7	16 bar
STP M2216	---	STPW45 M2216	15 L	M 22 x 1.5	15.9	16 bar
STP M2616	STPW90 M2616	STPW45 M2616	18 L	M 26 x 1.5	15.9	16 bar
STP M3020	STPW90 M3020	STPW45 M3020	22 L	M 30 x 2	19.1	12 bar
STP M3625	STPW90 M3625	STPW45 M3625	28 L	M 36 x 2	25.4	12 bar

Push-in fittings with male threads, metric threads

24° cone



Type zinc-plated steel	Tube connection	Thread	Hose Ø internal	PN
GTP M126	6 L	M 12 x 1.5	6.4	25 bar
GTP M146	8 L	M 14 x 1.5	6.4	25 bar
GTP M1610	10 L	M 16 x 1.5	9.5	20 bar
GTP M1810	12 L	M 18 x 1.5	9.5	20 bar
GTP M2212	15 L	M 22 x 1.5	12.7	16 bar
GTP M2616	18 L	M 26 x 1.5	15.9	16 bar
GTP M3020	22 L	M 30 x 2	19.1	12 bar



Hydraulic adapter
from page 103



Distributor bars
up to 315 bar
on page 133



Hydraulic couplings
from page 170



HYDAC
Pipe clamps
from page 244

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.