

# HOSES

2SS  
2SG  
2TE  
3TE  
PTFE

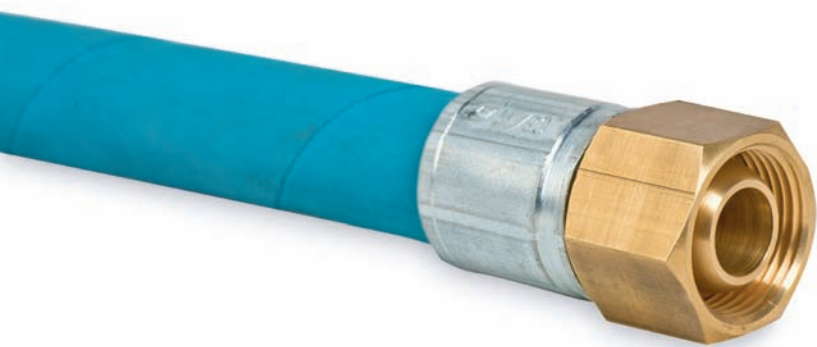
# HOSES

Due to the special requirements in the smelting works process, all installed components must pass high requirements. This also applies to hose connections. Apart from high temperature resistance of the materials used, the hoses are also subject to a BAM test. Various coating materials adjust the hose connection to the relevant temperature interval.

After press fitting the connections used in AMT Gega machines, they are vigorously tested for tightness and pressure resistance in an individual cycle. If required, AMT Gega will certify these test cycles.



# 2SS HOSES



## DIMENSIONS

Nominal size	DN 12	DN 16	DN 25	DN 31	DN 38
Inside (mm)	12.7	15.9	25,4	31,8	38,1
Outside (mm)	19.7	23.9	34,4	42,3	49,6
<b>MEDIUM</b>	Oxygen	Oxygen	Oxygen	Oxygen	Oxygen
<b>COLOR CODING</b>	Blue	Blue	Blue	Blue	Blue
<b>WORKING PRESSURE (bar)</b>	25	25	25	25	25
<b>TEST PRESSURE (bar)</b>	50	50	50	50	50
<b>MEDIUM TEMP. (°C)</b>	-30 – 60	-30 – 60	-30 – 60	-30 – 60	-30 – 60
<b>WORKING TEMP. (°C)</b>	-40 – 100	-40 – 100	-40 – 100	-40 – 100	-40 – 100
<b>BEND RADIUS (mm)</b>	70	90	150	190	240



# 2SG HOSES



ITEM NO.	108353	108354	108355	108357
<b>DIMENSIONS</b>				
Nominal size	DN10	DN12	DN16	DN25
Inside (mm)	9.5	12.7	15.9	25.4
Outside (mm)	16.5	19.7	23.9	34.4
<b>MEDIUM</b>	CPM	CPM	CPM	CPM
<b>COLOR CODING</b>	Red	Red	Red	Red
<b>WORKING PRESSURE (bar)</b>	25	25	25	25
<b>TEST PRESSURE (bar)</b>	50	50	50	50
<b>MEDIUM TEMP. (°C)</b>	-30 – 60	-30 – 60	-30 – 60	-30 – 60
<b>WORKING TEMP. (°C)</b>	-40 – 100	-40 – 100	-40 – 100	-40 – 100
<b>BEND RADIUS (mm)</b>	60	70	90	150



# 2TE HOSES



ITEM NO.	105666	105667	105668	105669	105670
<b>DIMENSIONS</b>					
Nominal size	DN10	DN12	DN16	DN19	DN25
Inside (mm)	9.5	12.7	15.9	19	26.4
Outside (mm)	16.5	19.7	19.7	27	34.4
<b>MEDIUM</b>	Water & air	Water & air	Water & air	Water & air	Water & air
<b>COLOR CODING</b>	Black	Black	Black	Black	Black
<b>WORKING PRESSURE (bar)</b>	25	25	25	25	25
<b>TEST PRESSURE (bar)</b>	50	50	50	50	50
<b>MEDIUM TEMP. (°C)</b>	-30 – 60	-30 – 60	-30 – 60	-30 – 60	-30 – 60
<b>WORKING TEMP. (°C)</b>	-40 – 100	-40 – 100	-40 – 100	-40 – 100	-40 – 100
<b>BEND RADIUS (mm)</b>	60	70	90	110	150





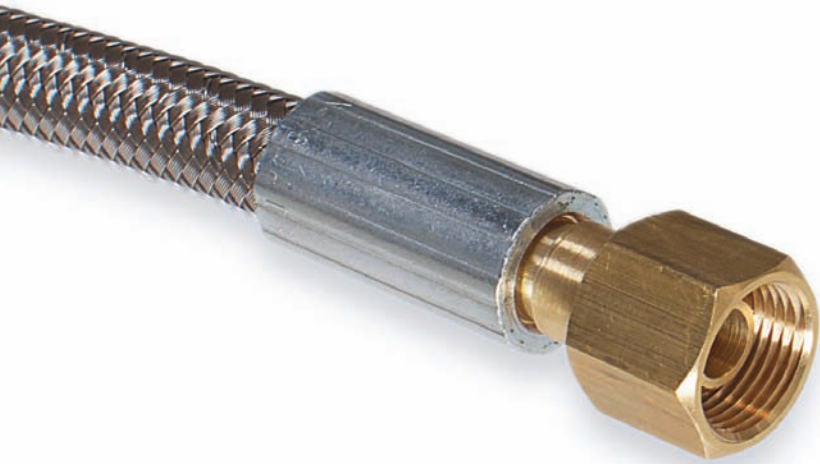
# 3TE HOSES



ITEM NO.	105671	105672
<b>DIMENSIONS</b>		
Nominal size	DN31	DN38
Inside (mm)	31.8	38.1
Outside (mm)	52.3	49.6
<b>MEDIUM</b>		
	Water & air	Water & air
<b>COLOR CODING</b>		
	Black	Black
<b>WORKING PRESSURE (bar)</b>		
	45	40
<b>TEST PRESSURE (bar)</b>		
	90	80
<b>MEDIUM TEMP. (°C)</b>		
	-30 – 60	-30 – 60
<b>WORKING TEMP. (°C)</b>		
	-40 – 100	-40 – 100
<b>BEND RADIUS (mm)</b>		
	190	240



# PTFE HOSES



ITEM NO.	105675	105676	105677	105678	105679	105680
<b>DIMENSIONS</b>						
Nominal size	DN6	DN10	DN12	DN16	DN19	DN25
Inside (mm)	4.8 – 5.4	9.9 – 10.6	13 – 13.4	16.1 – 17.1	19.3 – 20.3	25.6 – 26.6
Outside (mm)	10 – 10.5	14.1 – 14.7	17.2 – 18.1	20 – 20.9	24.5 – 25.5	30.1 – 30.8
<b>MEDIUM</b>						
	All	All	All	All	All	All
<b>COLOR CODING</b>						
	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
<b>WORKING PRESSURE (bar)</b>						
	224	183	189	114	103	80
<b>TEST PRESSURE (bar)</b>						
	793	552	566	345	310	241
<b>WORKING TEMP. (°C)</b>						
	-70 – 260	-70 – 260	-70 – 260	-70 – 260	-70 – 260	-70 – 260
<b>BEND RADIUS (mm)</b>						
	85	135	165	195	225	305

