

## 2" (Ø 70 mm) Technical Information

### Tank Unit (Adapter) and Hose Unit (Coupler)



### According to NATO STANAG 3756

Material	Maximum Working Pressure	Test Pressure	Minimum Burst Pressure
Aluminium	16 bar / 232 psi	24 bar / 348 psi	80 bar / 1160 psi
Brass/Gunmetal	16 bar / 232 psi	24 bar / 348 psi	80 bar / 1160 psi
Stainless Steel	25 bar / 363 psi	37,5 bar / 544 psi	125 bar / 1813 psi
Titan	25 bar / 363 psi	37,5 bar / 544 psi	125 bar / 1813 psi
Hastelloy	25 bar / 363 psi	37,5 bar / 544 psi	125 bar / 1813 psi
PEEK	6 bar / 87 psi	9 bar / 131 psi	30 bar / 435 psi

### Connections

1½" and 2" in BSP, NPT or S60x6 thread, or flanged inlet.

### Applications

For industrial process plant, road and rail tankers, ISO tank containers, IBC containers, pharmaceutical and petrochemical industries or on any application where spillage needs to be minimized.

### Media

**Petroleum products:** gasoline, diesel, oil etc.

**Chemical products:** AdBlue, ethylene oxide, propylene oxide, acrylonitrile, butadiene, ammonia, vinyl chloride, toluene, xylene, sulphuric acid, phenol etc.

**Gas:** vapor recovery/balance systems for various media.

**Dry powder.**

### Material of Body

Aluminium, brass/gunmetal, stainless steel, Hastelloy and PEEK. Other materials on request.

### Seals

Standard seals in FPM (Viton®) - alternatively EPDM, FKM (Chemraz®, Kalrez®), NBR/HBNR. Other materials on request.

### High Flow Rates / Low Pressure Drop

Allows maximum product transfer with minimal losses.

### Recommended Maximum Flow Rates

900 litres/minute (fuel)

### Selectivity

- avoid mixing products

To avoid product contamination caused by connecting a hose unit to the wrong tank unit, selective versions of the hose and tank units are available.

Each unit has a number of selective positions, designated by a coded part number according to the coupling size – specify when placing order. See page 32 ff.

### Interchangeability

Compatible with couplings of other manufacturers.

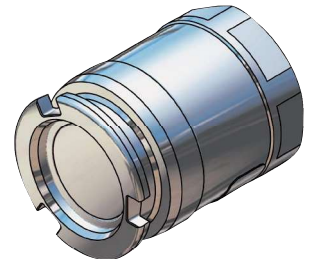
### Hose Unit with Integrated Swivel

All hose units are supplied with an integrated swivel.

## 2" (Ø 70 mm) Tank Unit (Adapter) – Female Thread

Connection <sup>1)</sup> Inch/DN	Body Material <sup>2)</sup>	Seal		Weight ≈		Mann Tek Code No.						
		O-Ring <sup>3)</sup>	Thread Seal	kg	lbs							
F 1½" BSP	Al	Standard: FPM/FKM (Viton®)	PUR (Polyurethane)	0,4	0,8	T207A1101B						
F 2" BSP						T210A1101B						
F S60x6						T2108A1101B						
F W2" - 7						T2112A1101B						
F 1½" NPT						—	0,4	0,8	T208A1101			
F 2" NPT									T211A1101			
F 1½" BSP	Br		Other on request.	PUR (Polyurethane)	1,2	2,7	T207A2201B					
F 2" BSP							1,1	2,4	T210A2201B			
F S60 x 6							1,0	2,2	T2108A2201B			
F W2" - 7							1,0	0,9	T2112A2201B			
F 1½" NPT							—	0,4	0,9	T208A2201		
F 2" NPT										1,1	2,4	T211A2201
F 1½" BSP	SS	Other on request.		PTFE (Teflon®)	1,1	2,4	T207A4401A					
F 2" BSP							1,0	2,2	T210A4401A			
F S60 x 6							1,0	2,2	T2108A4401A			
F 1½" NPT							—	1,2	2,7	T208A4401		
F 2" NPT										1,1	2,4	T211A4401
F 1½" BSP							Titan	Other on request.	PTFE (Teflon®)	0,6	1,3	T207A6601A
F 2" BSP	0,6		1,3	T210A6601A								
F 1½" NPT	—		0,6	1,3	T208A6601							
F 2" NPT					0,6	1,3						T211A6601
F 1½" BSP	Hastelloy		Other on request.	PTFE (Teflon®)	—	—						T207A7701A
F 2" BSP												—
F 1½" NPT							—		—	—	T208A7701	
F 2" NPT		—									—	T211A7701
F 1½" BSP		PEEK					Other on request.		PTFE (Teflon®)	—	—	T207A9901A
F 2" BSP												0,3
F 1½" NPT	—			0,3	0,6	T208A9901						
F 2" NPT						0,3						0,6

According to  
NATO STANAG 3756



<sup>1)</sup> F = Female thread, BSP = EN ISO 228, NPT = ANSI B1.20.1, S60 x 6 = thread for IBC, W 2" heating oil connection Sweden

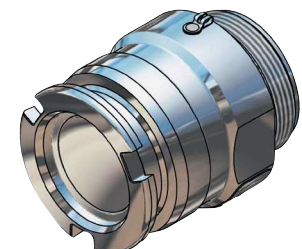
<sup>2)</sup> Material: Al = Aluminium, Br = Brass, SS = Stainless Steel

<sup>3)</sup> Standard seal FPM/FKM. Alternative materials, e.g. EPDM, Chemraz®, Kalrez®, NBR or HNBR on request.

## 2" (Ø 70 mm) Tank Unit (Adapter) – Male Thread

Flange <sup>1)</sup>	Body Material <sup>2)</sup>	Seal <sup>3)</sup>	Weight ≈		Mann Tek Code No.		
		O-Ring	kg	lbs			
M 2" BSP	Al	Standard: FPM/FKM (Viton®)	1,0	2,2	T278A1101		
M 2" NPT					T279A1101		
M W2" - 7					T2123A1101		
M 2" BSP	Br		Other on request.	—	—	T278A2201	
M 2" NPT						T279A2201	
M W2" - 7						T2123A2201	
M 2" BSP	SS			Other on request.	1,0	2,2	T278A4401
M 2" NPT							1,1

According to  
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<sup>1)</sup> M = Male thread, BSP = EN ISO 228, NPT = ANSI B1.20.1, S60 x 6 = thread for IBC, W 2" heating oil connection Sweden

<sup>2)</sup> Material: Al = Aluminium, Br = Brass, SS = Stainless Steel

<sup>3)</sup> Standard seal FPM/FKM. Alternative materials, e.g. EPDM, Chemraz®, Kalrez®, NBR or HNBR on request.

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