



Producto distribuido por

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MannTek

Product Name	Hose Unit
Part Number	M
Short Description	Female (Hose Unit, Coupler)
Description	Self locking quick connect/disconnect coupling to EN 13760 / EN 13175, for the loading and unloading of liquefied petroleum gas LPG and various other media. Hose unit with swivel, typically mounted on hose assemblies and loading arms for temporary connection to storage tanks and mobile transport units.
Comment	Quick and safe connection of hose assemblies and loading arms to mobile and stationary tanks, under pressure and with minimised liquid loss. Both coupling parts are equipped with a flat poppet valve. For the connection, the hose unit is pushed onto the tank unit and coupled / sealed by turning the coupler clockwise by 15 degrees. When the unit is turned by 100 degrees, the valves move into the tank unit so that the medium can flow. When a similar turn is made counter-clockwise, the flow is stopped and the coupler can be pulled off.
Sizes	1" (DN 25) up to 8" (DN 200).
Connections	BSP/NPT thread, DIN/ANSI/TW/TTMA flange – others on request.
Pressure	Can be coupled up to 10 bar. Working pressure 25 bar.
Temperature	-40° C up to +80° C, depending on O-Ring material.
Material	Body: stainless steel – depending on type/size 1.4401 (AISI 316), 1.4404 (AISI 316L), 1.4408 (CF-8M) or 1.4409 (CF-3M). O-Rings: FKM – others on request. Flat seal (for female parallel thread connections only): polyurethane – others on request.
Approvals / Certificates	DGC couplings fulfill the requirements of European Pressure Equipment Directive category 2 (for higher demand on request). They are suitable for the use in potentially explosive atmosphere (ATEX) zone 1, approved for the transport of dangerous goods on road (ADR), by rail (RID) and ship (IMDG). Specified as a fuelling connector for DME driven vehicles. Also suitable for other liquefied gases like ammonia, ethylene, propylene, butadiene and others. TÜV TÜ.AGG 304-99, Lloyd's Register 0038/ATEX/HAM064017, TDT-UW-21/16, EAC TC No. RU Д-SE.MЮ62.B.02151
Product Sheet / Links	Overview Approvals Page 349a - 349b Brochure DGC-Couplings Homepage DGC-Couplings

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