



Gates Global hoses and couplings

Upgrade to the next generation of hydraulics



Performance above and beyond any global standard

Gates Global wire-braid hose and MegaCrimp® coupling assemblies are developed to withstand impulse testing to 600,000 cycles. Gates Global spiral hose and GS coupling assemblies go to a million cycles.



Cleaner, leak-free assemblies, longer

Gates MegaCrimp® couplings are no-skive, which means that your assemblies are not exposed to the risk of contamination that comes with their skived counterparts. No-skive assemblies also resist moisture better than skived. And since MegaCrimp®'s advanced tooth profile bites-the-wire without relying on compression of the hose's outer rubber, you get the most secure, leak-free assembly that money can buy.



The best fit. By design

With Gates MegaCrimp® you don't need any tooling to fit the coupling onto the hose – you can do it by hand. That's because at Gates, the hoses and couplings are designed together – each with the other in mind. This is what makes Gates the masters of the hose-coupling interface.



More compact assemblies, easier routing

Designed to deliver their superior performance at incredibly tight bend radii and manufactured to require minimal bending force, Gates Global hoses are the ideal choice for tight, tortuous applications.



The perfect cylindrical crimp

The revolutionary patented C-insert not only ensures that an optimum cylindrical crimping force is applied, it increases assembly lifetime which gives you better flow and improved pressure and temperature resistance.



The manufacturers reserve the right to amend details where necessary.



Corrosion resistant – up to 4X the ISO standard!

All Gates Global couplings come equipped with Gates TuffCoat™ plating. Under ISO 9227 test conditions, TuffCoat™ was found to resist corrosion 4X longer than the standard (400 hours vs. 96). That's because the distinctive coating reduces the effects of rust degradation, which leads to premature coupling failure and contamination of the hydraulic system.



A simplified, logical and versatile range

The Gates Global spiral and wire-braid hoses and couplings are designed in the most efficient manner so that one ferrule fits the entire range for each respective construction. Furthermore, Gates Global hoses and couplings carry logical part numbers which make identification a breeze.

E.g.: Global hoses

Inside diameter
Dash size in 1/16"
IE: -8 = 1/2" (DN12)

MegaSys®
(Tight bend radius
developed to exceed
EN standards)

4000 PSI
= 28.0 MPa
(Working pressure)

Global couplings

Inside diameter
Dash size in 1/16"
IE: -8 = 1/2" (DN12)

Gates
Global
Reference
Thread
size
Dash size
in 1/16"

Male/
Female

Type
(eg: BSP,
FF, DIN)

Soft seal
O-ring

Termination type



The toughest choice – Inside and out

Inside and out, Gates Global hoses are the best choice for the harshest fluids and most abrasive environments. On the inside, the full nitrile inner tube resists even the most aggressive oils. On the outside, the tough standard hose covers offer unparalleled abrasion resistance. This can even be further enhanced with either XtraTuff™ or MegaTuff® covers which provide respectively 25X and 300X greater abrasion resistance.



The world's most trusted hydraulic hose assemblies

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