

QD3 Female Quick Disconnect No-Spill Coupling, Barb for ID 13mm (1/2in)

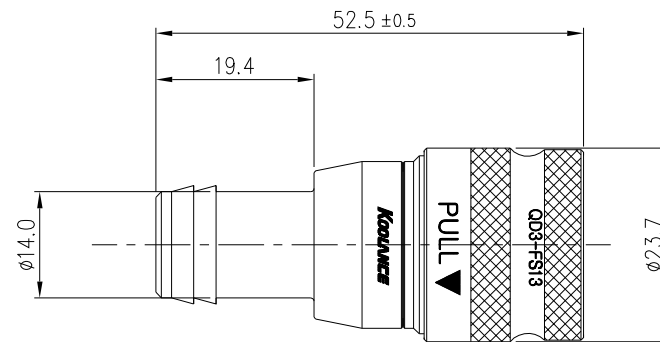


Koolance patented quick disconnect no-spill coupling with automatic shutoff. 13mm (1/2in) ID female barb fitting with spring clamp for 16mm (5/8in) OD. It will only fit a Koolance QD3 male quick disconnect.

After pulling the ring on the female QDC side, the quick-disconnect fittings will separate. Liquid on both sides will be automatically obstructed with approximately 0.2ml freed. Coolant volume lost upon disconnection will rise with internal pressure higher than 0.5kgf/cm² (7psi).

General	
Weight	0.22 lb (0.10 kg)
Max No-Spill Pressure	0.5kgf/cm ² (7psi)
Max Pressure Tolerance @ 25° C	8kgf/cm ² (113.8psi)
Max Temperature Tolerance	80° C (176° F)
Min Pressure Tolerance @ 25° C	-1.0kgf/cm ² (-14psi)
Min Storage Temperature (*No Freezing)	-20° C (-4° F)
Seal Material	EPDM (Water/Glycol Liquids)
Wetted Materials	Nickel-Plated Brass, Stainless Steel, EPDM





REV	DATE	CONTENTS	REVD BY	CHKD BY	APPD BY	
REVISION						

NO.		DISCRIPTION					MATER'L		QUANTITY	REMARKS
KOOLANCE inc.		DECIMAL PLACES			INCHES	MILLIMETRES	UNIT	MM	ITEM	QD3
		.XXX			±.005	±0.1	SCALE	N/S	TITLE	QD3-FS13
		.XX			±.010	±0.3				
		.X			±.020	±0.5				
DATE	BY	BY	BY	APPRO	BY	ANGULAR DIMENSIONS		3RD ANGLE		
						XX°		±0.5°		
	SONG					XX.X°		±0.1°		PAGE
						SURFACE		SURFACE		SURFACE
						ROUGHNESS		.63		1.6