



FIELD BULLETIN 198

PRO™ SERIES PROV RANGE COMPLETION New, More Compact Solution

The Gates PRO Series range offers a reliable supply of good-quality hoses and couplings that meet the most common European industry standards and performance levels. PRO Series wire braid hose assemblies cover the applications which are routed to the 4 popular European hose assembly specifications: EN 857 1SC, EN 857 2 SC, EN 853 1SN, and EN 853 2SN, as well as SAE 100R17 constant pressure requirements.

The size range of ProV hoses is now completed from size -04 to -16 to give you a full and enhanced solution to EN 857 2SC standard requirements that represent the vast majority of the European wire braid consumption.



UPGRADE FEATURES

ProV does not only fully meet the dimensions and requirements of EN 857 2SC, ProV goes beyond and also fully covers SAE 100R16 with its tighter minimum bend radii. The below table lists the technical features of the new ProV product range compared to the other solutions in our Pro Series portfolio.

	PROV EN 857 2SC		PRO1T EN 857 1SC		CR2 EN 853 2SN		CR1 EN 853 1SN		IA3K SAE 100 R17	
	MWP	MBR	MWP	MBR	MWP	MBR	MWP	MBR	MWP	MBR
-04	40.0	50	22.5	75	40.0	100	22.5	100	21.0	50
-05	35.0	55	21.5	85	35.0	115	21.5	115	21.0	55
-06	33.0	65	18.0	90	33.0	130	18.0	130	21.0	65
-08	27.5	90	16.0	130	27.5	180	16.0	180	21.0	90
-10	25.0	100	13.0	150	25.0	200	13.0	200	21.0	100
-12	21.5	120	10.5	180	21.5	240	10.5	240	--	--
-16	16.5	150	8.8	230	16.5	300	8.8	300	--	--
	# Impulse cycles: 200.000		# Impulse cycles: 150.000		# Impulse cycles: 200.000		# Impulse cycles: 150.000		# Impulse cycles: 200.000	
	Impulse pressure: 133%		Impulse pressure: 125%		Impulse pressure: 133%		Impulse pressure: 125%		Impulse pressure: 133%	
	Coupling: EX		Coupling: EX		Coupling: EX		Coupling: EX		Coupling: EX	

ProV is being produced in our new Gates manufacturing plant in Legnica (Poland) and available from stock item in our European distribution center.

THE RIGHT FERRULE



New ProV hose has been qualified with PRO Series EX couplings - a versatile line of professional grade 2-piece couplings that is designed for optimal performance on standard duty applications.

To guarantee a perfect fit of EX-couplings with ProV hose on all sizes, we have designed a new ferrule (**EXVF-1**) on some sizes to align with the compact requirements fully. The overview on the left shows you the right ferrule to use for each hose size.

SIZE	EX FERRULE
-04	4EX1F-1
-05	5EX1F-1
-06	6EXVF-1
-08	8EXVF-1
-10	10EXVF-1
-12	12EX1F-1
-16	16EXVF-1



With ProV covering the performance criteria of the most popular international hose standards and EX coupling range covering the most popular European coupling terminations, this integrated combination is your solution for a wide market of applications with a limited inventory value. A program to help you stock the right parts at budget-friendly prices and is designed to balance product investment and performance based on specific application demands.

NEW PACKAGING

The voice of many new assembler coupler customers in PRO Series that we have onboarded over the past years has brought us a number of new packaging insights, especially with regard to the variety of hose assembly processes and the different (automatic) cutting devices and processes that exist in the market.

At the event of introducing this new hose line, we have also been looking into further optimizing our packaging options to better accommodate storage, different racking systems, and uncoiling. Our new parts having EPB in the description tie up with these requirements and indicate these products are packed in europalletboxes. The pack spec of EPB-parts consists of:

- A closed rectangular box fixed to the europallet-dimensions (80 x 120 cm)
- Continuous length coils that are vertically wound
- Coils limited in height (40 cm), outside diameter (78 cm) and weight
- A maximum pack height of 120 cm (105 cm without pallet)



In addition to this Field Bulletin, you will find our new ProV sell sheet and hose catalogue page with further details. Crimp data can be found on <https://ecrimp.gates.eu> & in the app, logistical and price details have been added to the customer pricelist.



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