



Flexible:
hook-and-loop strip
adapt to any robot arm

1d OB rets



ots, users can now rely on the new Lean
with hook-and-loop strips are flexible and
ces the risk of injury if there is contact with
ous designs and are suitable for use with
rially available protective hoses in various

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➤ Benefits: <ul style="list-style-type: none"> ● 1 x polymer bracket ● 1m hook-and-loop strip ● Most cost-effective clamp in the range ● Silicone-free ● Maximum freedom for cable management 	➤ Benefits: <ul style="list-style-type: none"> ● 1 x polymer bracket ● 1m hook-and-loop strip ● 1 x round protector size 40 ● Silicone-free 	➤ Benefits: <ul style="list-style-type: none"> ● 1 x polymer bracket ● 1m hook-and-loop strip ● 1 x lightweight mounting bracket size 30 or 40*, available with and without strain relief ● *Size 40, option with long or short strain relief teeth ● Silicone-free 	➤ Benefits: <ul style="list-style-type: none"> ● 1 x polymer bracket ● 1m hook-and-loop strip ● 1 x PMA clip ● Available in 5 sizes for corrugated hoses ● Silicone-free
Suitable for: triflex® R e-chain® series TRC/TRE/TRL size 40	Suitable for: triflex® R e-chain® series TRC/TRE/TRL, size 40	Suitable for: triflex® R e-chain® series TRC/TRE/TRL, size 30 and 40	Suitable for: Corrugated tube systems with nominal width 17, 23, 29, 36 and 48mm
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Test before you invest ...
Free cobot test sample box - filled with information and samples for universal brackets
Part No. MAT0074799



igus 3D CAD, configurators, service life calculation and more ► www.igus.eu/triflexR

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tion	
+ 1m hook-and-loop strip	
tion	
r size 40 + support + 1m hook-and-loop strip screw + protector	
and optional strain relief and 40	
tion	
ght mounting bracket, size 30 with short ief + support + 1m hook-and-loop strip	
ght mounting bracket, size 40, with strain relief + + 1m hook-and-loop strip + plastic screw TR AE	
ght mounting bracket, size 40, with long strain relief rt + 1m hook-and-loop strip + plastic screw TR AE	
ght mounting bracket, size 30, without ief + support + 1m hook-and-loop strip	
ght mounting bracket, size 40, without strain relief rt + 1m hook-and-loop strip + plastic screw TR AE	




Overview triflex® R e-chains® | For TRC·TRE·TRL


Principle sketch	Part No. Series	B/1 [mm]	B/2 [mm]	Ba [mm]	R [mm]	d1 [mm]	d2 [mm]	Pitch [mm]	Links per m
Series TRC - enclosed design									
	TRC.30.050.0	12	10	34.5	050	10	8	11.3	89
	TRC.40.058.0	15	13	43	058	13	11	13.9	72
Series TRE - "easy" design									
	TRE.30.050.0	12	10	34.5	050	10	8	11.3	89
	TRE.40.058.0.B	15	13	43	058	13	11	13.9	72
Series TRL - light version of the "easy"-design									
	TRL.30.050.0	12.5	11	34.5	050	10	8	11.3	89
	TRL.40.058.0	15	-	45	058	13	-	13.9	72

Product range | 4 With PMA clip

Corrugated tube systems with nominal width 17, 23, 29, 36 and 48mm

Product	Part No. mounting brackets	NW [mm]	Description
	TR.CO0.01.PMA.17.0	17	PMA clip, nominal width 17 + support + 1m hook-and-loop strip + plastic screw + protector
	TR.CO0.01.PMA.23.0	23	PMA clip, nominal width 23 + support + 1m hook-and-loop strip + plastic screw + protector
	TR.CO0.01.PMA.29.0	29	PMA clip, nominal width 29 + support + 1m hook-and-loop strip + plastic screw + protector
	TR.CO0.01.PMA.36.0	36	PMA clip, nominal width 36 + support + 1m hook-and-loop strip + plastic screw + protector
	TR.CO0.01.PMA.48.0	48	PMA clip, nominal width 48 + support + 1m hook-and-loop strip + plastic screw + protector

PMA hoses overview | For PMAFLEX corrugated tubes

Principle sketch	Part No. Series	Corrugated tube nominal width	Metric size [mm]	Inner Ø d1 [mm]	Outer Ø d2 [mm]	Static R [mm]*	Dynamic R [mm]**	VE [m]
	I-PIST-17B	17	20	16.4	21.1	30	65	50
	I-PIST-23B	23	25	22.6	28.4	35	90	50
	I-PIST-29B	29	32	29.0	34.3	45	110	50
	I-PIST-36B	36	40	36.5	42.5	60	180	50
	I-PIST-48B	48	50	46.7	54.2	70	200	50

*Static R = minimum recommended bend radius for static (fixed) installation
**Dynamic R = minimum recommended bend radius for dynamic (flexible) laying