



Hose connectors

NORMAPLAST® SV products are proven plastic hose and pipe connection components that create secure, reliable and affordable connections in lines used for transporting media. NORMAPLAST® SV hose and pipe connectors are used in the automotive construction industry as well as practically every other industrial sector. They are manufactured according to automotive standards and are NOT suitable for medical applications.

Advantages at a glance

- ✓ Extremely strong
- ✓ Durable
- ✓ Low weight
- ✓ Can be used for damping/absorption
- ✓ Resistant to abrasion
- ✓ Highly resistant to impact

Applications

- Machine building
- White goods
- Chemical industry
- Irrigation systems
- Food and beverage industry
- Railway industry
- Agricultural machines
- Building machines
- Engine manufacturing
- Pump and filter

Applications	Recommended material range
Food area / drinking water area / chemical area	>POM<
Air (Vacuum brake, Secondary air) TOC (Oil cooler, transmission oil)	>PA6-GF30<

Materials

Materials		
Mechanical Properties	POM Polyacetal copolymer standard material hose connectors	PA6 Polyamide unreinforced standard material threaded connectors
Operation temperature	-40°C to 80°C, short-term (up to 1h) 110°C	-40°C to 90°C, short-term (up to 1h) 120°C
Max. admissible pressure	10bar	10bar

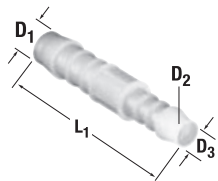
GS – Straight push-on connectors



GS – STRAIGHT PUSH-ON CONNECTORS				
Nominal size ID hose (in mm)	D ₁	D ₂	L ₁ ~	Material POM Product No.
3	3	2.5	25	PHTJ-3-3
4	4	2.7	35	PHTJ-4-4
6	6	4	49	PHTJ-6-6
8	8	5.6	56	PHTJ-8-8
10	10	7	63	PHTJ-10-10
13	13	8.6	73	PHTJ-13-13
19	19	15	76	PHTJ-19-19

Additional materials available on request

GRS – Reducing straight push-on connectors



GRS – REDUCING STRAIGHT PUSH-ON CONNECTORS					
Nominal size ID hose (in mm)	D ₁	D ₂	D ₃	L ₁ ~	Material POM Product No.
4 - 3	4	2.5	3	30	PHTJ-4-3
6 - 4	6	2.7	4	42.5	PHTJ-6-4
8 - 4	8	2.7	4	48	PHTJ-8-4
8 - 6	8	4	6	54	PHTJ-8-6
10 - 6	10	4	6	58	PHTJ-10-6
10 - 8	10	5.6	8	60.5	PHTJ-10-8
12 - 8	12	5.6	8	62.5	PHTJ-13-8

Additional materials available on request