

# Industrial Polypropylene Compression Type Hose Fitting



**Working Temperature:**  
-5°C to +80°C



**Maximum Working Pressure:**  
10 bar



## Features:

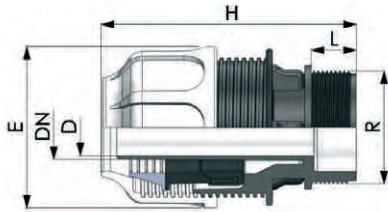
- Connect hoses of different diameter and thickness in a safe and simple way, with the help of a special inner joint, which shapes and adapts itself perfectly to the different surfaces: smooth hoses, braided hoses, hoses with PVC spiral, hoses with PU spiral, hoses with steel spiral, thermoplastic rubber hoses, and any other hoses within the thickness range of connections.
- Quick assembly process. Eliminate the use of conventional clamping systems.
- Very high resistance to low temperatures (better than metal and PVC products).
- Excellent mechanical and shock resistance with high safety factors.
- Good resistance to traction, compression, bending.
- Excellent reliability, thanks to the combined use of different top quality materials.
- Long life assured by the structure of polypropylene, which can resist thermal and mechanical stress, weathering and UV beams.
- Good chemical resistance: it resists the contact with aqueous solutions of inorganic salts, weak inorganic acids and alkaline solutions, alcohol or some oils.
- It also keeps excellent mechanical characteristics also in the transport of detergents and similar chemicals.
- Electric insulation: electrically insulating materials made immune to electrochemical corrosion and perforations caused by stray currents.
- Totally non-toxic: PP is fully compatible for conveyance of liquid foodstuffs, drinkable water and water to be made drinkable, demineralised water, in compliance with national and international regulations in force.
- Good resistance to abrasion, according to DIN53516 standards (on request).

## Suitable flexible hoses:

- Spiralled in plasticized PVC with stiff shock resistant PVC spiral, Smooth inner surface corrugated profile, metric and gas lines according ISO 3994 standards.
- Spiralled in plasticized PVC, spiral with metal reinforcement. Smooth inner and outer surfaces. Metric and gas lines.
- Spiralled in plasticized PVC with polyurethane inner lining and stiff shock resistant PVC reinforcement spiral. Smooth inner surface corrugated profile, metric and gas lines according ISO 3994 standards.
- Spiralled in plasticized PVC with inner polyurethane lining and metal reinforcement spiral. Smooth inner and outer surfaces, metric and gas lines.
- Single layer, plasticized PVC. Smooth inner and outer surfaces. Metric and gas lines.

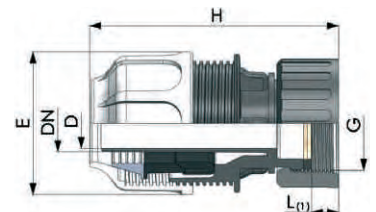
# Industrial Polypropylene Compression Type Hose Fitting

## Straight, Male Thread



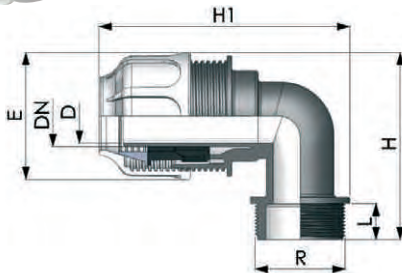
Part No	DN mm	R	D mm	L mm	H mm	E mm
CMSHT-20-12	20	1/2"	15.5	14.5	86	58.5
CMSHT-20-34	20	3/4"	15.5	16	87.5	58.5
CMSHT-20-1	20	1"	15.5	18	89	58.5
CMSHT-25-34	25	3/4"	20.5	16	90.5	62
CMSHT-25-1	25	1"	20.5	18	92	62
CMSHT-32-114	32	1.1/4"	27	20	99	71
CMSHT-38-112	38	1.1/2"	33.5	20	110	85
CMSHT-50-112	50	1.1/2"	43	20	125	102
CMSHT-50-2	50	2"	43	24	129	102

## Straight, Female Thread



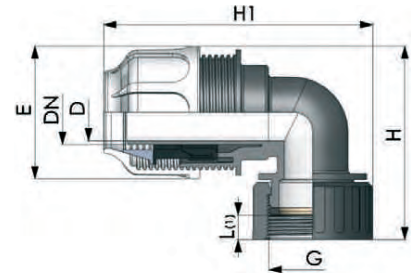
Part No	DN mm	G	D mm	L1 mm	H mm	E mm
CFSHT-20-1	20	1"	15.5	12	94	85.5
CFSHT-20-34	20	3/4"	15.5	10.5	90	58.5
CFSHT-25-1	25	1"	20.5	12	100	62
CFSHT-25-34	25	3/4"	20.5	10.5	96	62
CFSHT-32-114	32	1.1/4"	27	14	108	71
CFSHT-38-112	38	1.1/2"	33.5	14	116	85
CFSHT-50-112	50	1.1/2"	43	14	135	102
CFSHT-50-2	50	2"	43	16	142	102

## 90° Elbow, Male Thread



Part No	DN mm	R	D mm	L mm	H mm	H1 mm	E mm
CMEHT-25-1	25	1"	20.5	17	94	111	62
CMEHT-32-114	32	1.1/4"	27	20	108	125	71
CMEHT-50-2	50	2"	43	24	140	165	102

## 90° Elbow, Female Thread



Part No	DN mm	G	D mm	L1 mm	H mm	H1 mm	E mm
CFEHT-25-1	25	1"	20.5	12	90	120	62
CFEHT-32-114	32	1.1/4"	27	14	108	130	71
CFEHT-38-112	38	1.1/2"	33.5	14	120	145	85
CFEHT-50-2	50	2"	43	16	120	167	102