



Industrial Polypropylene Compression Type Hose Fitting



Hydraulics
Hydraulic QRC
Pneumatic QRC
Ind. Air Prep., Monitor & Test
KELM™ Pneumatics
Pneumatic & Vacuum Equipment
Valves
Ring Main Systems
Adaptors & Fittings
Stainless Steel
Malleable Iron
Hose, Tubing & Couplings
Clamps & Clips
Sprays & Adhesives
Blow Guns & Vacuum
Wash Down & Fuelling
Air Tools
Tools, Hardware & PPE

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,** accordant 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.

Working Temperature: -5°C to +80°C

Maximum Working Pressure: 10 bar



Straight, Male Thread



BSPT

0108		To Suit Hose I.D.	£
CMSHT-20-12	1/2"	3/4"	3.40
CMSHT-20-34	3/4"	3/4"	3.40
CMSHT-20-1	1"	3/4"	3.40
CMSHT-25-34	3/4"	1"	4.45
CMSHT-25-1	1"	1"	4.45
CMSHT-32-114	1.1/4"	1.1/4"	8.05
CMSHT-38-112	1.1/2"	1.1/2"	10.70
CMSHT-50-112	1.1/2"	2"	15.25
CMSHT-50-2	2"	2"	15.25

90° Elbow, Male Thread



BSPT

0108		To Suit Hose I.D.	£
CMEHT-25-1	1"	1"	5.35
CMEHT-32-114	1.1/4"	1.1/4"	8.65
CMEHT-50-2	2"	2"	17.00

Straight, Female Thread



BSPP

0108		To Suit Hose I.D.	£
CFSHT-20-1	1"	3/4"	4.10
CFSHT-20-34	3/4"	3/4"	4.10
CFSHT-25-1	1"	1"	5.25
CFSHT-25-34	3/4"	1"	5.25
CFSHT-32-114	1.1/4"	1.1/4"	9.65
CFSHT-38-112	1.1/2"	1.1/2"	12.70
CFSHT-50-112	1.1/2"	2"	18.15
CFSHT-50-2	2"	2"	18.15

90° Elbow, Female Thread



BSPP

0108		To Suit Hose I.D.	£
CFEHT-25-1	1"	1"	7.50
CFEHT-32-114	1.1/4"	1.1/4"	12.05
CFEHT-38-112	1.1/2"	1.1/2"	16.70
CFEHT-50-2	2"	2"	23.85