HC Hose Clamp Flexible Connector

Slip both ends over the pipe exteriors and tighten the clamps. The catalog illustrates WHC hose clamps and recommends BHC heavy-duty clamps for improved sealing.



Features

- Silicone sealing rings at both ends
- Flexible sleeve without rigid end components

HC Φ152×200 SL/PU10

Sleeve material code	PU10
End seals	Silicone

PU10

Material	Polyurethane
Typical application	Most common materials
Color	Clear
Thickness (mm)	1.0
Abrasion loss (mg)	39.0
Surface resistance (Ω)	$>10^{12}$
Temperature resistance (°C)	–20 to 110
Air permeable	No
Tensile strength (MPa)	40
Elongation at break (%)	600
Manufacturing process	Heat welded

PU05

Material	Polyurethane
Typical application	Weighing and dosing
Color	Clear
Thickness (mm)	0.5
Abrasion loss (mg)	39.0
Surface resistance (Ω)	$>10^{12}$
Temperature resistance (°C)	–20 to 110
Air permeable	No
Tensile strength (MPa)	10
Elongation at break (%)	300
Manufacturing process	Heat welded

PUHT

Material	Heat-resistant polyurethane
Typical application	High temperature
Color	Clear
Thickness (mm)	1.0
Abrasion loss (mg)	35.0
Surface resistance (Ω)	$>10^{12}$
Temperature resistance (°C)	–20 to 150
Air permeable	No
Tensile strength (MPa)	40
Elongation at break (%)	600
Manufacturing process	Heat welded

PUAS

Material	Antistatic polyurethane
Typical application	Flammable or explosive powders (catalog material application)
Color	Clear
Thickness (mm)	1.0
Abrasion loss (mg)	39.0
Surface resistance (Ω)	<10■
Temperature resistance (°C)	–20 to 110
Air permeable	No
Tensile strength (MPa)	15
Elongation at break (%)	600
Manufacturing process	Heat welded

PURF

Material	Fiber-reinforced polyurethane
Typical application	Positive or negative pressure
Color	White
Thickness (mm)	0.8
Abrasion loss (mg)	39.0
Surface resistance (Ω)	$>10^{12}$
Temperature resistance (°C)	–20 to 110
Air permeable	No
Tensile strength (MPa)	300
Elongation at break (%)	600
Manufacturing process	Heat welded

PUFL

Material	Polyurethane with helical steel wire
Typical application	Large oscillations and stroke-docking mechanisms
Color	Translucent white
Thickness (mm)	0.6
Abrasion loss (mg)	35.0
Surface resistance (Ω)	$>10^{12}$
Temperature resistance (°C)	–20 to 110
Air permeable	No
Tensile strength (MPa)	40
Elongation at break (%)	600
Manufacturing process	Heat welded

TE02

Material	100% PTFE
Typical application	Corrosive acid or alkaline solvents and high temperature
Color	White
Thickness (mm)	0.2
Surface resistance (Ω)	$>10^{12}$
Temperature resistance (°C)	–40 to 300
Air permeable	No
Elongation at break (%)	10
Manufacturing process	Heat welded

TE02AS

Material	100% PTFE
Typical application	Corrosive acid or alkaline solvents and high temperature
Color	Black
Thickness (mm)	0.2
Surface resistance (Ω)	<10■
Temperature resistance (°C)	–40 to 300
Air permeable	No
Elongation at break (%)	10
Manufacturing process	Heat welded

Options and configuration

WHC hose clamps are shown in the catalog. BHC heavy-duty clamps are recommended for improved sealing.