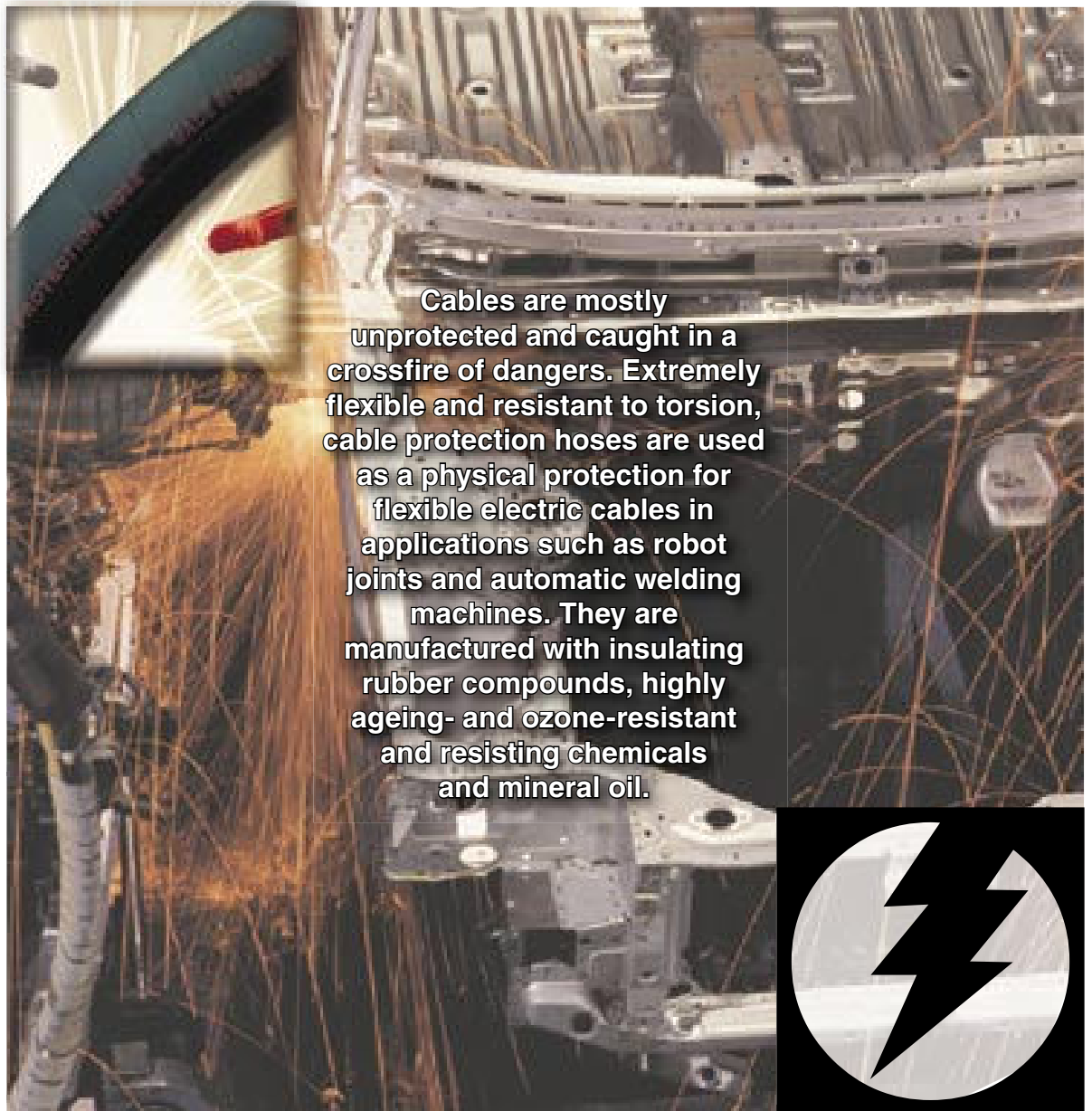
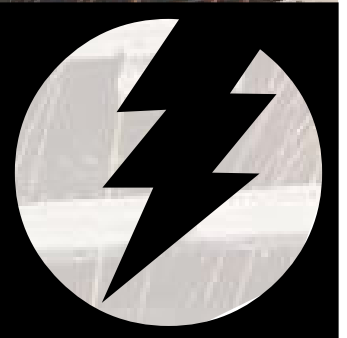




# ***Cable Protection Hoses***



Cables are mostly unprotected and caught in a crossfire of dangers. Extremely flexible and resistant to torsion, cable protection hoses are used as a physical protection for flexible electric cables in applications such as robot joints and automatic welding machines. They are manufactured with insulating rubber compounds, highly ageing- and ozone-resistant and resisting chemicals and mineral oil.





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**Protection  
and Cooling**



**ROBOT  
SALDATRICI 5-10**

Cable protection hose.

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**Protection**



**CABLE 109**

Recommended for protection  
and carrying welding and industrial cable.



**CONDUREX/N**

Designed for sheathed cables on machine tools  
as well as on fixed machinery.

# N – Cable Protection Hose

## Protection and Cooling

ROBOT	▶	N4
SALDATRICI 5 - 10	▶	N5

## Protection

CABLE 109	▶	N6
CONDUREX/N	▶	N7

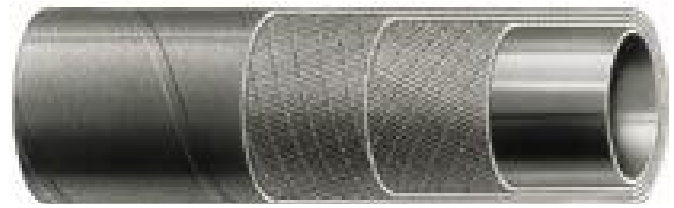




# ROBOT

## Hose Construction

- Tube:** Black, smooth, synthetic NR/SBR rubber compound
- Reinforcement:** Synthetic textile fabrics
- Cover:** Black, abrasion, ozone and weather-resistant, synthetic SBR rubber compound



## Applications

Light-weight and flexible, recommended for protection and carrying welding cable coolant and particularly for robot applications, where a twist-connector is required.

## Temperature Range

-20 °C (-46 °F) to +80 °C (+176 °F)

## Tolerances

RMA steel mandrel

### On inside diameter:

≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

### On outside diameter:

± 1,59 mm

### Length tolerance:

± 1%

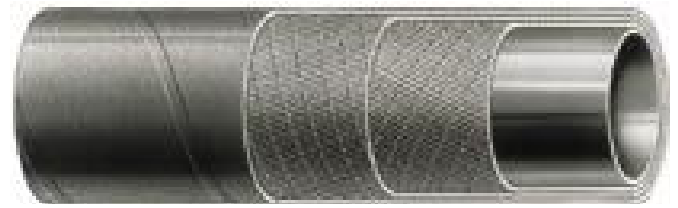
IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
<b>ROBOT TR</b>										
IH36832203/40	30	40	0,4	58,0	4	1,2	174,0	12	0,78	-
IH36832204/40	40	52	0,4	58,0	4	1,2	174,0	12	1,21	-
IH36832212/40	44	56	0,4	58,0	4	1,2	174,0	12	1,31	-
IH36832208/40	48	60	0,4	58,0	4	1,2	174,0	12	1,40	-
<b>ROBOT CIA TS</b>										
IH36832225/40	25	35	0,4	58,0	4	1,2	174,0	12	0,68	-
IH36832256/40	32	42	0,4	58,0	4	1,2	174,0	12	0,83	-
IH36832251/40	40	50	0,4	58,0	4	1,2	174,0	12	0,99	-
IH36832253/40	42	52	0,4	58,0	4	1,2	174,0	12	1,05	-
<b>ROBOT ED TS</b>										
IH36832231/40	32	44	0,6	90,0	6	1,8	270,0	18	0,94	-
IH36832232/40	38	50,5	0,6	90,0	6	1,8	270,0	18	1,10	-
IH36832233/40	42	54	0,6	90,0	6	1,8	270,0	18	1,35	-

RUBBER CABLE PROTECTION HOSE MADE IN ITALY Parker ITR

# SALDATRICI 5 - 10

## Hose Construction

- Tube:** Black, smooth, SBR rubber compound
- Reinforcement:** Synthetic textile fabrics
- Cover:** Black, abrasion, ozone and weather-resistant, SBR rubber compound



## Applications

Light-weight and flexible, recommended for protection and carrying welding cable coolant .

## Temperature Range

-20 °C (-46 °F) to +80 °C (+176 °F)

## Tolerances

RMA steel mandrel

### On inside diameter:







≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

### On outside diameter:

± 1,59 mm

Length tolerance: ± 1%

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
<b>SALDATRICI 5</b>										
IH36202013/40	25	33	0,5	72,5	5	1,5	217,5	15	0,52	-
IH36802009/40	30	40	0,5	72,5	5	1,5	217,5	15	0,77	-
IH36802008/40	38	50	0,5	72,5	5	1,5	217,5	15	1,15	-
<b>SALDATRICI 10</b>										
IH36802045/40	28	38	1,0	150,0	10	3,0	450,0	30	0,73	-
IH36802046/40	35	46	1,0	150,0	10	3,0	450,0	30	0,98	-
IH36802047/40	38	48	1,0	150,0	10	3,0	450,0	30	0,94	-
IH36802051/40	42	52	1,0	150,0	10	3,0	450,0	30	1,01	-

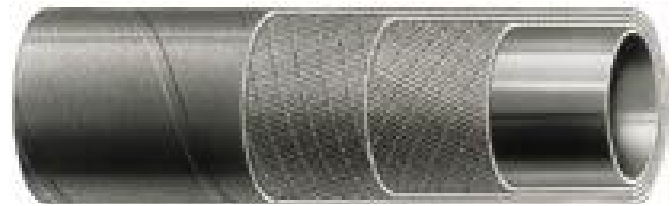
RUBBER CABLE PROTECTION HOSE MADE IN ITALY Parker ITR



# CABLE 109

## Hose Construction

- Tube:** Black, smooth, SBR rubber compound
- Reinforcement:** Synthetic textile fabrics
- Cover:** Black, abrasion, ozone and weather-resistant, SBR rubber compound



## Applications

Extra light-weight and flexible, recommended for protection and carrying welding and industrial cable.

## Temperature Range

-20 °C (-4 °F) to +80 °C (+176 °F)

## Tolerances

RMA steel mandrel

### On inside diameter:

≤ I.D. 38 mm: ± 0,79 mm

> I.D. 38 mm: ± 1,59 mm

### On outside diameter:

± 1,59 mm

### Length tolerance:

± 1%

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	 O.D. mm	 Working Pressure			 Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH36832047/40	35	37	-	-	-	-	-	-	0,12	-
IH36832049/40	38	42	-	-	-	-	-	-	1,00	-
IH36832040/40	40	43	-	-	-	-	-	-	0,61	-
IH36832048/40	45	47	-	-	-	-	-	-	0,20	-

# CONDUREX/N

## Hose Construction

Flexible hose having a beige, rigid PVC spiral embedded in a black, flexible PVC wall.

## Applications

Excellent insulating properties, specially designed for sheathing cables on machine tools as well as on fixed machinery.

## Temperature Range

-10 °C (+14 °F) to +60 °C (+140 °F)






## Tolerances

On inside diameter:  $\pm 1\%$

Length tolerance:  $\pm 1\%$

All other technical data are subject to a  $\pm 5\%$  tolerance.

IHXXXXXXXXXX Part Number / Standard Length m	 I.D. mm	Wall thickness mm	Working Pressure			Burst Pressure			 Weight kg/m	 min. Bend Radius mm
			MPa	psi	bar	MPa	psi	bar		
IH35632010/100	10	2,5	-	-	-	-	-	-	0,11	13
IH35632012/100	12	2,5	-	-	-	-	-	-	0,13	13
IH35632014/100	14	2,6	-	-	-	-	-	-	0,15	15
IH35632016/100	16	2,6	-	-	-	-	-	-	0,16	16
IH35632020/100	20	2,8	-	-	-	-	-	-	0,23	21
IH35632025/50	25	2,9	-	-	-	-	-	-	0,31	30
IH35632028/60	28	3,1	-	-	-	-	-	-	0,38	35