



techhose

QUALITY CONNECTIONS

Hydraulics

Pneumatics
& Vacuum

Industrial

Compressed Air
& Ring Main

Process &
Instrumentation

Hydraulics

Hose Retention, Sleeves & Cleaning



RETENTION SYSTEM FOR PRESSURE HOSES

Prevent whipping of a pressurised hose in the event of the hose separating from its fitting

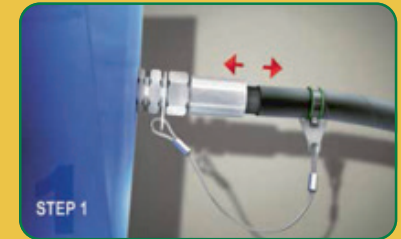


Suitable for various applications, including:

- DIN and BSP Fittings
- JIC Fittings
- SAE Flanges

- Protects both the operator and components
- Recommended by the International Hydraulic Safety Authority - the world leader in hydraulic safety training
- Suitable for all kinds of flexible hose
- Tested protection: compliant with EN 853, EN 854, EN 855, EN 856, EN 857, SAE J517

How it works...



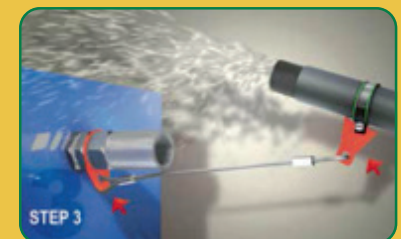
1: Disengagement:

A hose disengages from its ferrule.



2: Release/venting of pressure

The pressurised oil exits from the hose and the release of energy results in the hose gaining considerable velocity, triggering a hazardous "whip effect" which is very dangerous to anyone or anything in its vicinity.



Step 3: Restraint

This is where the Stopflex system gets into operation: the stainless steel cable is tensioned and restrains the hose, preventing it from 'whipping'. The plate cuts into the rubber of the hose, to ensure that the clamp remains firmly attached. The hose clamp and plate absorb the force released from the travel of the flexible hose. This critical step occurs within just a few seconds.

Retention System for Pressure Hoses



To suit DIN & BSP Fittings

0466	To Suit	Diameter mm	Length mm
STOPFUDIN145	8L - 1/4"	14.5	300
STOPFUDIN17	8S - 10L - 3/8"	17	300
STOPFUDIN185	10S - 12L	18.5	300
STOPFUDIN205	12S	20.5	300
STOPFUDIN225	14S - 15L - 1/2"	22.5	300
STOPFUDIN245	16S - 5/8"	24.5	300
STOPFUDIN265	18L - 3/4"	26.5	300
STOPFUDIN305	20S - 22L	30.5	300
STOPFUDIN34	1"	34	450
STOPFUDIN365	25S - 28L	36.5	450
STOPFUDIN425	30S - 1.1/4"	42.5	450
STOPFUDIN455	35L	45.5	450
STOPFUDIN49	1.1/2"	49	450
STOPFUDIN525	38S - 42L	52.5	450
STOPFUDIN60	2"	60	450

Tech Sheet 60137



To suit JIC Fittings

0466	To Suit	Diameter mm	Length mm
STOPFUJIC115	7/16"	11.5	300
STOPFUJIC132	1/2"	13.2	300
STOPFUJIC148	9/16"	14.8	300
STOPFUJIC195	3/4"	19.5	300
STOPFUJIC228	7/8"	22.8	300
STOPFUJIC275	1.1/16"	27.5	300
STOPFUJIC307	1.3/16"	30.7	300
STOPFUJIC34	1.5/16"	34	450
STOPFUJIC415	1.5/8"	41.5	450
STOPFUJIC48	1.7/8"	48	450
STOPFUJIC64	2.1/2"	64	450

Tech Sheet 60137



To suit SAE Flanges

0466	To Suit	Diameter mm	Length mm
STOPFUSAE085	1/2" - 3000 psi	8.5	300
STOPFUSAE105	3/4" - 1.1/4" 3000 psi, 3/4" 6000 psi	10.5	450
STOPFUSAE125	1.1/2" - 2" 3000 psi, 1" 6000 psi	12.5	450
STOPFUSAE145	1.1/4" - 6000 psi	14.5	450
STOPFUSAE165	1.1/2" - 6000 psi	16.5	450
STOPFUSAE205	2" - 6000 psi	20.5	450

Tech Sheet 60137

To suit Various Applications

0466	To Suit	Diameter mm	Length mm
STOPFUVARIE	Large Plate	13	450
STOPFUVARIES	Small Plate	13	450

Tech Sheet 60137



Hose Band

0466	Minimum Diameter mm	Maximum Diameter mm	Thread
STOPFA11115	11	11.5	M6
STOPFA12125	12	12.5	M6
STOPFA13135	13	13.5	M6
STOPFA1415	14	15	M6
STOPFA1617	16	17	M6
STOPFA1718	17	18	M6
STOPFA1819	18	19	M6
STOPFA2021	20	21	M6
STOPFA2122	21	22	M6
STOPFA2223	22	23	M6
STOPFA2425	24	25	M6
STOPFA2526	25	26	M6
STOPFA2627	26	27	M6
STOPFA2728	27	28	M6
STOPFA2829	28	29	M6
STOPFA3031	30	31	M6
STOPFA3233	32	33	M6
STOPFA3435	34	35	M6
STOPFA3637	36	37	M6
STOPFA3839	38	39	M6
STOPFA3940	39	40	M6
STOPFA4041	40	41	M6
STOPFA4243	42	43	M6
STOPFA4344	43	44	M6
STOPFA4445	44	45	M8
STOPFA4547	45	47	M8
STOPFA4850	48	50	M8
STOPFA5153	51	53	M8
STOPFA5354	53	54	M8
STOPFA5456	54	56	M8
STOPFA5759	57	59	M8
STOPFA6062	60	62	M8
STOPFA6365	63	65	M8
STOPFA6668	66	68	M8
STOPFA6971	69	71	M8
STOPFA7274	72	74	M8
STOPFA7577	75	77	M8
STOPFA7880	78	80	M8
STOPFA8183	81	83	M8
STOPFA8486	84	86	M8
STOPFA8789	87	89	M8
STOPFA9092	90	92	M8
STOPFA9395	93	95	M8

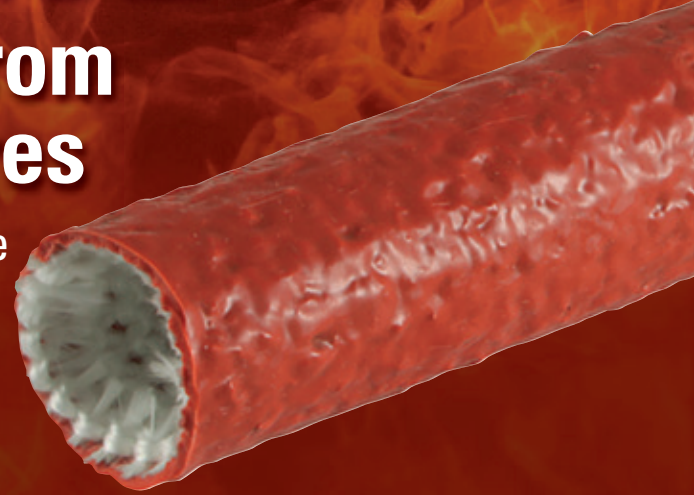
Tech Sheet 60137



FIRE SLEEVE FT PRO[®]

Shield your hoses from extreme temperatures

The tried and tested red oxide silicone coated glass protective sleeving is popular requirement for application in mining, petrochemical process, aerospace and steel works settings.



The protective sleeve is easily installed whilst assembling a hose or can also be retro-fitted during maintenance and repair activities.

In addition to defending critical equipment in harsh environmental conditions, the sleeve also mitigates health and safety risks by eliminating temperature extreme hazards so that scorching and burning injuries are avoided.

- Continuous protection at 260°C ambient temperatures
- Withstands molten metal splash at 1200°C
- UL94 flammability V-0
- Worker safety protection against lines that carry hot or volatile fluids
- Resistant to tears and abrasion
- Highly flexible and easily fitted
- MSHA approved
- RoHS 3 compliant



Fire Sleeve MSHA UL 94 V-0

Red Oxide Per Metre



0319	ID mm	OD mm	SAE Size
FS-06-R	6	11	-04
FS-10-R	10	15	-06
FS-12-R	12	17	-08
FS-14-R	14	19	-09
FS-16-R	16	21	-10
FS-19-R	19	24	-12
FS-22-R	22	27	-14
FS-25-R	25	30	-16
FS-28-R	28	33	-18
FS-32-R	32	37	-20
FS-35-R	35	40	-22
FS-38-R	38	43	-24
FS-41-R	41	46	-26
FS-44-R	44	49	-28
FS-51-R	51	56	-32
FS-57-R	57	62	-
FS-63-R	63	68	-40
FS-70-R	70	75	-
FS-76-R	76	81	-48
FS-83-R	83	88	-
FS-89-R	89	94	-56
FS-95-R	95	100	-60
FS-102-R	102	107	-
FS-114-R	114	119	-72
FS-127-R	127	132	-

Tech Sheet 70055

Red Oxide 15 Metre Coils



0319	ID mm	OD mm	SAE Size
FS-06-R-15	6	11	-04
FS-10-R-15	10	15	-06
FS-12-R-15	12	17	-08
FS-14-R-15	14	19	-09
FS-16-R-15	16	21	-10
FS-19-R-15	19	24	-12
FS-22-R-15	22	27	-14
FS-25-R-15	25	30	-16
FS-28-R-15	28	33	-18
FS-32-R-15	32	37	-20
FS-35-R-15	35	40	-22
FS-38-R-15	38	43	-24
FS-41-R-15	41	46	-26
FS-44-R-15	44	49	-28
FS-51-R-15	51	56	-32
FS-57-R-15	57	62	-
FS-63-R-15	63	68	-40
FS-70-R-15	70	75	-
FS-76-R-15	76	81	-48
FS-83-R-15	83	88	-
FS-89-R-15	89	94	-56
FS-95-R-15	95	100	-60
FS-102-R-15	102	107	-
FS-114-R-15	114	119	-72
FS-127-R-15	127	132	-

Tech Sheet 70055



Self Amalgamating Tape 11 Metre Roll

0319	Colour	Width mm
FS-TAPE-25-N-11	Black	25
FS-TAPE-25-R-11	Red	25

Tech Sheet 70056

Galvanised Steel Spring Hose Guard

Open coil spring guard is a very effective and economic means of protecting hoses from expensive abrasive and crush damage.

Manufactured from high tensile spring steel wire. Available in other sizes on request.

These products cannot be ordered online, please contact our sales office.



10 Metre Coils

0362	ID mm	Wall Thickness mm
SHG-18	18	1.6
SHG-20	20	1.6
SHG-22	22	2.0
SHG-24	24	2.0
SHG-25	25	2.0
SHG-26	26	2.0
SHG-29	29	2.0
SHG-31	31	3.2
SHG-33	33	3.2
SHG-37	37	3.2
SHG-41	41	3.2
SHG-43	43	3.2
SHG-45	45	3.2
SHG-49	49	3.2
SHG-51	51	3.2
SHG-54	54	3.2
SHG-56	56	3.2
SHG-60	60	3.2
SHG-63	63	3.2
SHG-70	70	3.2

HEAT SHRINK

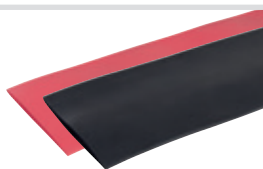
2:1 Ratio (min) Thin Wall UL 224 VW-1



Crosslinked Polyolefin, 50 Metre Reel

0319	Colour	ID mm
HS2T-6-R-50	Red	6.35-12.7
HS2T-8-R-50	Red	8-16
HS2T-10-R-50	Red	9.5-19.1
HS2T-13-R-50	Red	12.7-25.4
HS2T-16-R-50	Red	16-32
HS2T-19-R-50	Red	19.00-38.1
HS2T-6-N-50	Black	6.35-12.7
HS2T-8-N-50	Black	8-16
HS2T-10-N-50	Black	9.5-19.1
HS2T-13-N-50	Black	12.7-25.4
HS2T-16-N-50	Black	16-32
HS2T-19-N-50	Black	19.00-38.1

Tech Sheet 70057



Crosslinked Polyolefin, 30 Metre Reel

0319	Colour	ID mm
HS2T-25-R-30	Red	25.4-50.8
HS2T-38-R-30	Red	38.1-76.2
HS2T-51-R-30	Red	50.8-101.6
HS2T-25-N-30	Black	25.4-50.8
HS2T-38-N-30	Black	38.1-76.2
HS2T-51-N-30	Black	50.8-101.6

Tech Sheet 70057

PROTECTIVE HOSE SLEEVES



Hose Protection Sleeve

The most economical option for managing, containing and protecting your hose, cables and other equipment.

Applications include protection for hose assemblies, ropes and wire harnesses.

- MSHA approved for underground mines, IC 171/1
- ISO 6945 abrasion standard, minimum 50,000 cycles
- Melting point: +220°C
- Resists mildew and bacterial growth
- Non-toxic
- Excellent resistance to UV ageing
- Very good chemical compatibility



20 Metre Coils

0460	ID mm
LGSLEEVE-18	18
LGSLEEVE-21	21
LGSLEEVE-25	25
LGSLEEVE-31	31
LGSLEEVE-36	36
LGSLEEVE-40	40
LGSLEEVE-45	45
LGSLEEVE-52	52
LGSLEEVE-60	60
LGSLEEVE-73	73
LGSLEEVE-85	85
LGSLEEVE-93	93

Tech Sheet 20377

Nylon Hose Protection Sleeve

This textile sleeve consists of nylon multifilament. Complying with European standards, it has excellent abrasion resistance, and is ideal for protecting people, environment and machinery against any possible hydraulic hose oil leakage or spill.

- Material: nylon (polyamide)
- Thickness: 0.8mm (European standard)
- Melting point: +230°C
- MSHA approved: IC 293-1
- ISO 6945 abrasion standard, minimum 50,000 cycles
- UV solar protected: BS EN 13758-1
- Burst and leakage protected: SAE J343/ISO 3457
- Conductivity requirement: ISO 8031 approved
- Pin hole test approved



Working Temperature:
-40°C to +125°C
(the sleeve loses 10% of its resistance at +125°C)

20 Metre Coils

0672	ID mm
FPSLEEVE-017	17
FPSLEEVE-020	20
FPSLEEVE-023	23
FPSLEEVE-027	27
FPSLEEVE-031	31
FPSLEEVE-036	36
FPSLEEVE-040	40
FPSLEEVE-044	44
FPSLEEVE-055	55
FPSLEEVE-060	60
FPSLEEVE-066	66
FPSLEEVE-073	73
FPSLEEVE-093	93
FPSLEEVE-112	112

Tech Sheet 68268

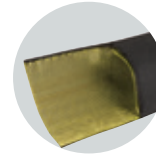
Hose Burst Guard

Our highest performance sleeve, designed to control and dissipate fluids from dangerous hose bursts.

For use in line-of-sight applications, to help protect personnel and equipment from the effects of a hose failure.

- MSHA approved IC171/1
- Outer layer withstands a minimum 350,000 cycles, abrasion tested using ISO 6945 test method
- Controls bursts up to 13,000 psi
- Two-layer structure with inner yellow layer acting as an abrasion indicator
- Meets ISO 3457, 4413, 6945, 6805, EN 414, MDG 41 and MSHA IC171/2
- Excellent resistance to UV ageing
- 40 metre lengths available on request
- Melting point: +215°C

Maximum Burst Control Pressure:
890 bar



30 Metre Coils

0460	ID mm
BUSLEEVE-31	31
BUSLEEVE-36	36
BUSLEEVE-42	42
BUSLEEVE-46	46
BUSLEEVE-54	54

Tech Sheet 60335

10 Metre Coils

0460	ID mm
BUSLEEVE-31-10	31
BUSLEEVE-36-10	36
BUSLEEVE-42-10	42
BUSLEEVE-46-10	46
BUSLEEVE-54-10	54

Tech Sheet 60335

Hose Wrap Sleeve

Ideal for hose bundling, adding abrasion protection post assembly or replacing damaged existing sleeves.

- Quick assembly
- Lightweight
- Proprietary bonding process allows cutting without fraying
- Meets ISO 6945 abrasion standard
- Excellent UV resistance
- Velcro fastening with shear strength of 22 psi
- Maximum temperature without degradation: +225°C



45 Metre Coils

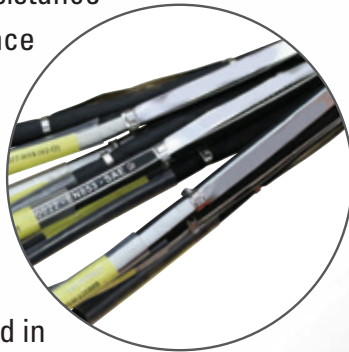
0460	ID mm
WRSLEEVE-25	25
WRSLEEVE-75	75
WRSLEEVE-100	100
WRSLEEVE-125	125
WRSLEEVE-150	150
WRSLEEVE-175	175
WRSLEEVE-200	200

Tech Sheet 60336



Spiral Hose Guard Features

- Provides high strength abrasion resistance for most types of hydraulic, pneumatic and industrial hose assemblies across a wide range of industries including: mining, forestry, drill rigs, plant and agricultural machinery, automotive, marine and offshore
- Exceptional anti-crushing performance
- High abrasion resistance
- Good UV resistance
- Easy installation and routing
- Proven in arduous conditions
- Conveniently coiled and packed in cartons for easy storage
- Suitable for wrapping single hoses or multiple hose looms



Hose I.D.	Hose Type								
	R1AT	R2AT	1SC	2SC	4SP	4SH	R13	R15	R17
3/16"	A	A							
1/4"	B	B	B	B	C				B
5/16"	B	C							B
3/8"	C	C	C	C	D			D	C
1/2"	D	D	D	D	E			E	D
5/8"	D	E							E
3/4"	E	E	E	E	E	E	E	E	E
1"	F	F		F	F	F	F	F	F
1.1/4"	G	G			G	G	G	G	
1.1/2"	G	H			H	H	H		
2"	I	I			I	I	I	I	

PROTECTIVE HOSE SLEEVES

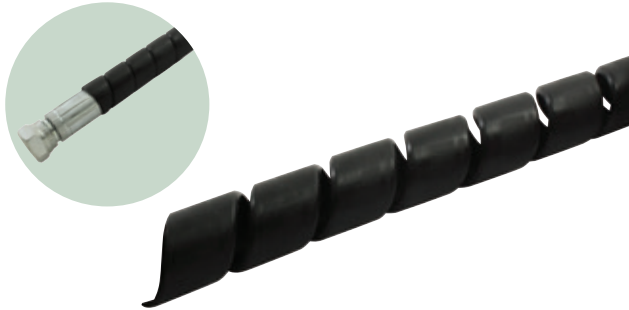


Polypropylene Protective Hose Sleeves



Working Temperature:
-40°C to +90°C

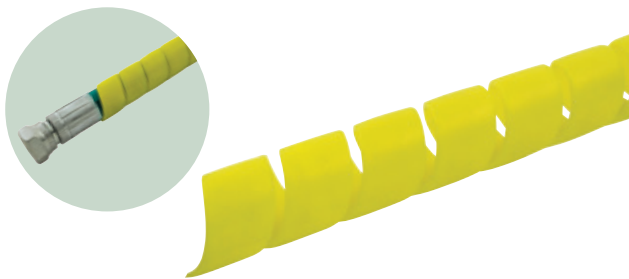
Available in various colours on request.



Flat Type Black, Polypropylene

0369	ID mm	Length Metres	To Suit
FSG-10	10	20	A
FSG-12	12	20	B
FSG-14	14	20	-
FSG-16	16	20	C
FSG-20	20	20	D
FSG-25	25	20	E
FSG-32	32	20	F
FSG-42	42	10	G
FSG-50	50	10	H
FSG-60	60	10	I
FSG-74	74	10	-
FSG-80	80	10	-
FSG-88	88	10	-
FSG-100	100	10	-
FSG-130	130	10	-
FSG-150	150	10	-
FSG-200	200	2	-

Tech Sheet 10265



Flat Type Yellow, Polypropylene

0369	ID mm	Length Metres	To Suit
FYSG-10	10	20	A
FYSG-12	12	20	B
FYSG-16	16	20	C
FYSG-20	20	20	D
FYSG-25	25	20	E
FYSG-32	32	20	F
FYSG-42	42	10	G
FYSG-50	50	10	H
FYSG-60	60	10	I

Tech Sheet 10265



Round Type Black, Polypropylene

0369	ID mm	Length Metres	To Suit
RSG-10	10	20	A
RSG-12	12	20	B
RSG-16	16	20	C
RSG-20	20	20	D
RSG-25	25	20	E
RSG-32	32	20	F
RSG-42	42	10	G
RSG-50	50	10	H
RSG-60	60	10	I

Tech Sheet 10265



Flat Type Hi-Viz Green, Polypropylene

0369	ID mm	Length	To Suit
FGSG-10	10	20	A
FGSG-12	12	20	B
FGSG-14	14	20	-
FGSG-16	16	20	C
FGSG-20	20	20	D
FGSG-25	25	20	E
FGSG-32	32	20	F
FGSG-42	42	10	G
FGSG-50	50	10	H
FGSG-60	60	10	I

Tech Sheet 10265

Larger sizes are available; speak to your account manager for further information.

The pellet launcher uses compressed air to fire a foam pellet through tube, pipe and hose, clearing soft deposits and loose debris as it travels through.

The pellet launcher is designed to operate at 80-110 psi and should be connected, by a 3/8" (10mm) ID air line, to an air source NOT exceeding 150 psi.

Maximum Working Pressure:
.0 bar

Pellet Launcher Kits

The mobile kit is specifically for use with hose, tube and pipe from 5mm to 50mm. The hose nozzle fits over the tube, hose or pipe to be cleaned.

The specially designed and extremely robust pellet launcher controls the air flow. It attaches to a 50mm crimp head through a patented interlocking system. The nozzles are inserted into the head. These are designed to reduce the pellet in size for insertion into the pipe.

All nozzles fit into the 50mm crimp head. All kits come in a case with instruction manuals and a pellet usage chart for identifying the correct pellets to use with your application.

This kit consist of the following:

- AM-1™ hand piece
- 50mm crimp head
- Adapter ring
- White hose nozzles: 6, 8, 10, 13, 16, 19, 25, 32, 38 and 50mm



Mobile Kit

0489	Thread	Nozzle Quantity	Nozzle Hole Size
MOBI-KIT	1/4"	10 x Hose Nozzles	6mm to 50mm
Tech Sheet 60438			

Pellets used in the system will travel through 90° angles, tee joints, coils, U tubes, bore and straight-through valves.

The specially designed and extremely robust pellet launcher controls the air flow. It attaches to the 32mm and 50mm heads through a patented interlocking system. The nozzles are inserted into the head. These are designed to reduce the pellet in size for insertion into the pipe.

All nozzles fit into either the 32mm or 50mm heads. All kits come in a case with instruction manuals and a pellet usage chart for identifying the correct pellets to use with your application.

This kit consist of the following:

- AM-1™ hand piece
- 32mm and 50mm heads
- White hose nozzles: 6, 8, 10, 13, 16, 19, 25, 32, 38 and 50mm
- Green tube and JIC nozzles: 5, 6, 8, 10, 13, 16, 19, 22, 25, 32, 38 and 50mm
- Blue BSP nozzles: 6, 10, 13, 16, 19, 25 and 32mm



Full Kit

0489	Thread	Nozzle Quantity	Nozzle Hole Size
FULL-KIT	1/4"	31 x Hose Nozzles	6mm to 50mm
Tech Sheet 60439			

Foam Pellets

Standard pellets are designed for removal of debris from all hose, tube or pipe, without fittings. Pellets are manufactured from foam and should be approximately 15-20% larger than the ID of the hose, tube or pipe being cleaned. Please select the pellet closest to the size required from the list.



Standard

0490	OD mm
NSP007	7
NSP008	8
NSP010	10
NSP012	12
NSP014	14
NSP016	16
NSP018	18
NSP020	20
NSP022	22
NSP024	24
NSP026	26
NSP028	28
NSP030	30
NSP033	33
NSP035	35
NSP040	40
NSP045	45
NSP050	50
NSP055	55
NSP060	60

These multipurpose pellets are designed for use in complex assemblies, hoses with fittings and to eliminate fine particles of contamination. Pellets are manufactured from foam and should be approximately 15-20% larger than the ID of the hose, tube or pipe being cleaned. Please select the pellet closest to the size required from the list.



General Purpose

0490	OD mm
MPP007	7
MPP008	8
MPP010	10
MPP012	12
MPP014	14
MPP016	16
MPP018	18
MPP020	20
MPP022	22
MPP024	24
MPP026	26
MPP028	28
MPP030	30
MPP033	33
MPP035	35
MPP040	40
MPP045	45
MPP050	50
MPP055	55
MPP060	60



Plugtite Industrial

Designed and used to prevent the leakage and contamination of various fluids, including hydraulics and chemicals, during the service, maintenance and storage of machinery and equipment. Used in industrial areas such as hydraulic, chemical, processing, MRO, HVAC, mining and heavy equipment.

Made from a special compound in our own factory

The **Plugtite** aperture has been designed and engineered to give the plug greater compression than standard solid plugs, ensuring a perfect seal whilst still being able to be cut to size if needed.

- Greater resistance to most oils within the temperature range of -25°C to +90°C
- Does not shrink, leak or discolour
- Resistant to sunlight for greater shelf life; does not split/crack or deteriorate
- Easy to use; insert, squeeze, press home and release
- The compressed rubber ensures a tight fit

Other Members of the Plugtite Family

Plugtite - Hygiene FDA Approved

This plug is specifically produced for use in the food and beverage processing industry.

The use of the plugs helps to ensure that sensitive working areas are kept free of contamination from oils and other fluids by preventing leakage when cleaning and servicing machinery and equipment.

Plugtite - Heat Resistant

For use in operations such as electrostatic lines, die casting, etc, where high heat resistance is a requirement.



3 Standard Apertures

- Plugtite Small 2mm to 14mm
- Plugtite Medium 6mm to 24mm
- Plugtite Large 15mm to 45mm



The new generation of service and maintenance plugs

SERVICE PLUGS

Spill Prevention

- Stop contamination
- Plugtite products are used to prevent contamination of all sorts of chemical compounds into the surrounding environment

 **Working Temperature:**
-25°C to +90°C



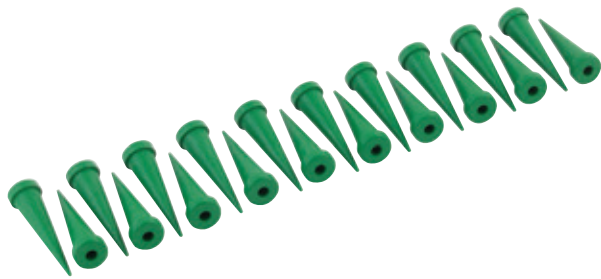
Standard Pack

0709	Size mm	Box Quantity
PLUGTITE-STD-10	6-24	10
Tech Sheet 68083		



XL Pack

0709	Size mm	Box Quantity
PLUGTITE-MAX-4	15-45	4
Tech Sheet 68083		



Micro Pack

0709	Size mm	Box Quantity
PLUGTITE-MINI-20	2-14	20
Tech Sheet 68083		



Mix Pack

0709	Size mm	Box Quantity
PLUGTITE-MIX-9	2-45	9
Tech Sheet 68083		