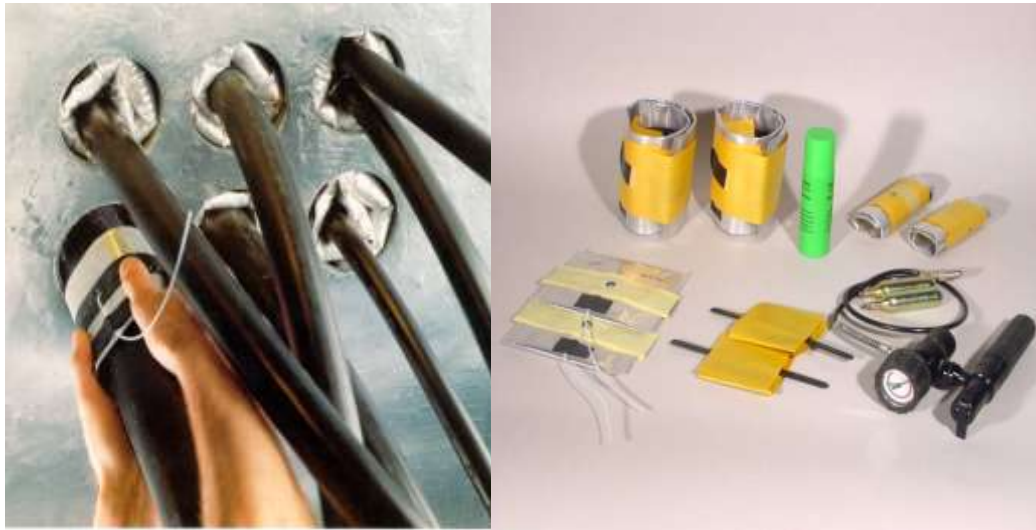


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Inflatable Duct Sealing System



Raychem

 **Tyco Electronics**

Inflatable Dust Sealing System

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- This is an innovative system for sealing the entry point of cables through walls, pits, etc.
- Can be applied in holes with or without ducts, even non circular openings.
- This is an inflatable wrap around the cables system, completely inhibiting the ingress of water in the pit or through the wall.



- ✓ Easy – rapid installation
- ✓ Can seal empty holes / pipes or holes with one or multiple cables passing through.
- ✓ Water and gas ingress in the pit or through the wall is completely stopped.
- ✓ May be installed even if water is flowing through the opening.
- ✓ Watertight for a min pressure of 50kPa (5m water column).
- ✓ Can be applied in non circular ducts.
- ✓ Highly resistant to chemicals, fungi and rodents attack.
- ✓ Non toxic and environmentally friendly.
- ✓ Can be easily removed.
- ✓ Each size covers a wide range of pipe dia. – cable combinations.

Potential applications

- Sealing of cable entries in pits. Can seal one or multiple cables per hole.
- Can seal empty (unused) holes and pipes.
- Protect lead lined cables against mechanical damage and corrosion at the cable entry point.
- Can protect outdoor panels and optical node units against ingress of humidity from underground cables

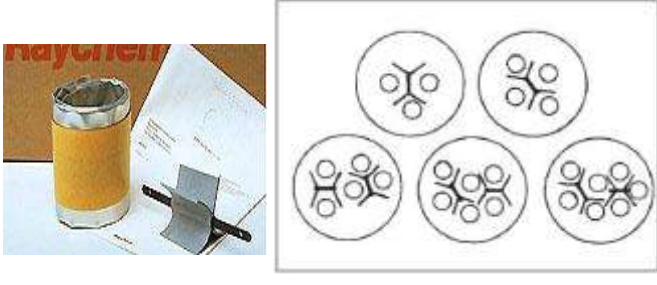




Μεγέθη Φουσκωτών και Κωδικοί

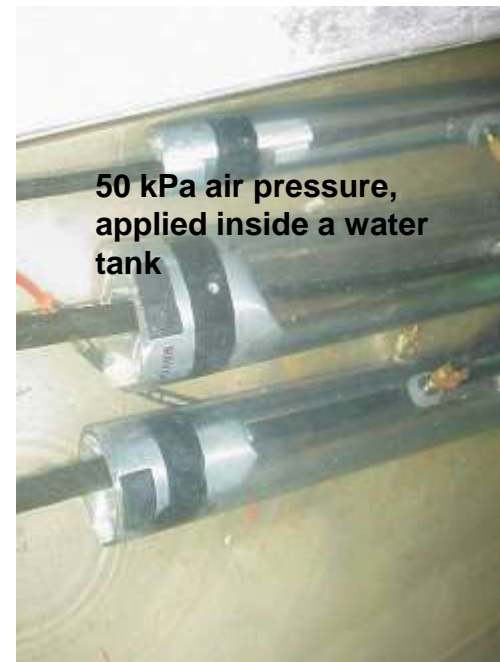
CODE	Pipe internal diameter mm		Total external diameter for one or multiple cables	
	Minimum \varnothing mm	Maximum \varnothing mm	Inside pipe with min \varnothing mm	Inside pipe with max \varnothing mm
RDSS 35	25	35	0-12	0-25
RDSS 45	32,5	45	0-14	0-32
RDSS 60	45	60	0-18	0-45
RDSS 75	55	75	0-28	0-56
RDSS 90	32,5	45	0-14	0-32
RDSS 100	60	100	0-22	0-83
RDSS 125	110	125	0-83	0-103



Tools and Accessories

DESCRIPTION	CODE	
Insert for more than 2 cables	RDSS-CLIP	 The image shows a yellow cylindrical tool with a silver top and bottom, and a metal clip attached to its side. To the right, there are five circular diagrams illustrating different cable configurations: two cables, three cables, and four cables.
Tool using CO ₂ cartridges, with automatic pressure cut-out	RDSS-IT-16	 A black handheld tool with a trigger and a hose, used for CO ₂ laser applications.
Spare CO ₂ cartridges	Cartridges CO ₂	 Two small, green, cylindrical CO ₂ cartridges.

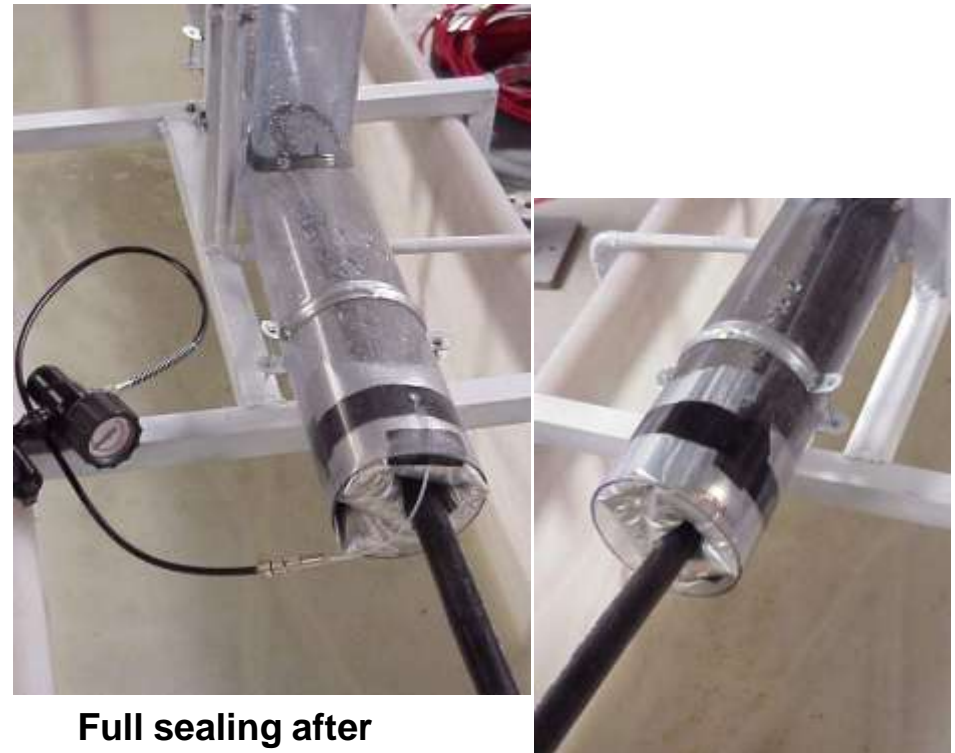
Sealing at 50 kPa (0.5 bar or 5m water column)



Specifications - Trials

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Installation under water flow, 10 l/min and 1m water column



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