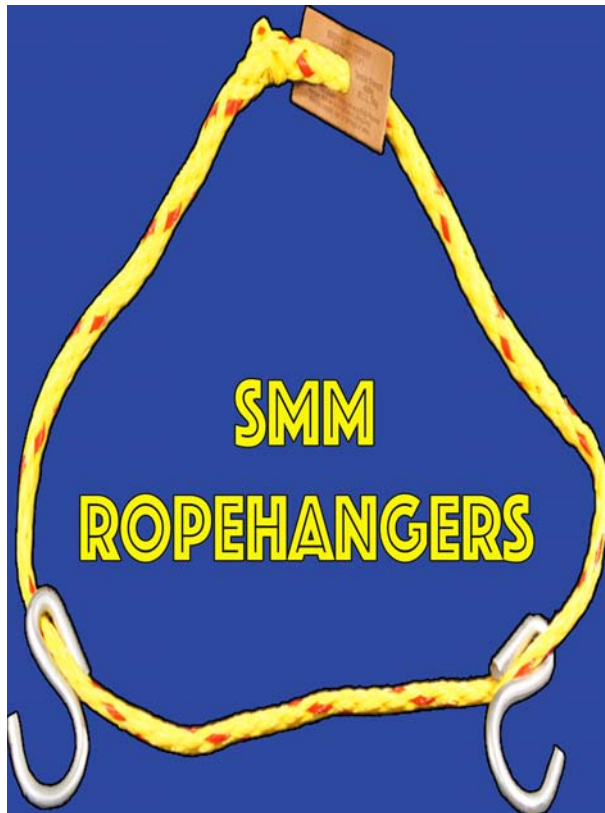


POLYPROPYLENE ROPE PRODUCTS



SMM ROPEHANGERS:

**WORKING LOAD -
162 POUNDS**

#2 HOOK - 300 POUNDS

#3 HOOK - 500 POUNDS

**NON-CONDUCTIVE
FLAME RESISTANT
(DESIGNED TO EXTINGUISH
WITHIN 8 SECONDS)**

STANDARD SIZES

**8W213 / 8W313 (200 / BOX)
15 inches with one #2 or #3 Hk**

**8W2INV3 (200 / Box)
15 inches with two #3 Hooks**

**Ropehangers May Be
Customized To Any Length**



**As depicted in the picture
shown, the SMM Ropehangers
are used in a half-hitch manner
to suspend mine feeder cable
from roof plates or timber
spads.**

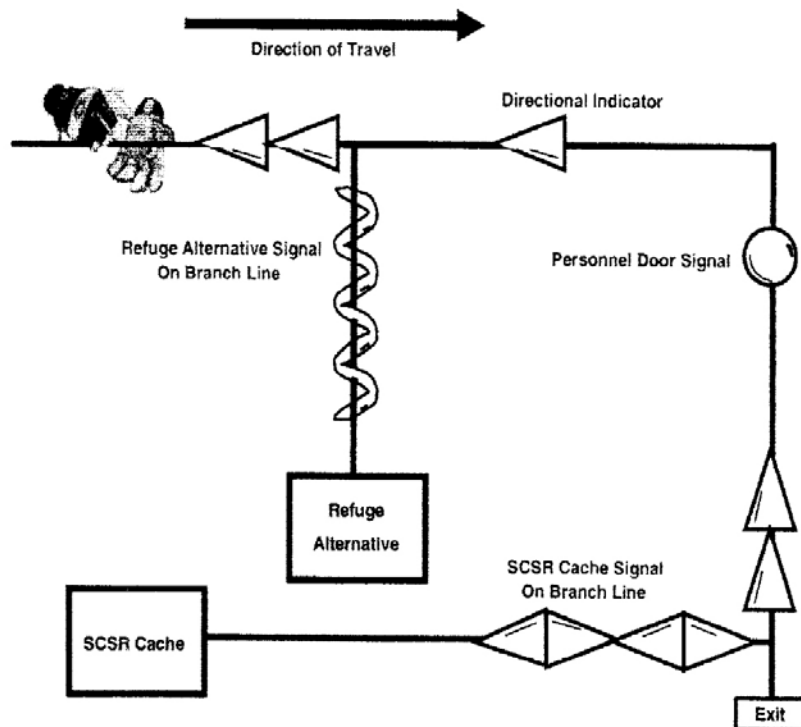


SMM SAFETY DIRECTIONAL LINES:

**TENSILE STRENGTH -
900 POUNDS**

**MSHA ACCEPTED -
18-LLA070001
18-LLA070003**

**NON-CONDUCTIVE
FLAME RESISTANT
(DESIGNED TO EXTINGUISH
WITHIN 8 SECONDS)**





**AVAILABLE COLORS AS
DEPICTED BELOW FOR
CONES, PERSONNEL
DOOR SIGNALS, AND
REFLECTIVE STRIPS:**



**SDLC - Safety Directional Cone
PSB - Personnel Door Signal**

**SMM SAFETY
DIRECTIONAL LINES
& SIGNALS:**

SDL100M20M -
100 Metres with
20 metre cone spacing
(No strips)

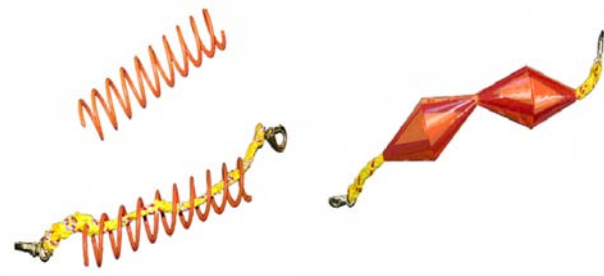
SDL100M10M -
100 Metres with
10 metre cone &
5 metre strip spacing

**CUSTOMIZED TO
MINE SPECIFICATIONS,
STATE, AND FEDERAL
REGULATIONS**



**PLEASE SEE MSHA DIAGRAM
FOR PLACEMENT (ABOVE)**

SAFETY DIRECTIONAL LINE SIGNALS CONTINUED:



**RASI - Portable Refuge Alternative Signal (Spiral)
PLEASE SEE MSHA DIAGRAM ABOVE FOR SIGNAL
PLACEMENT**

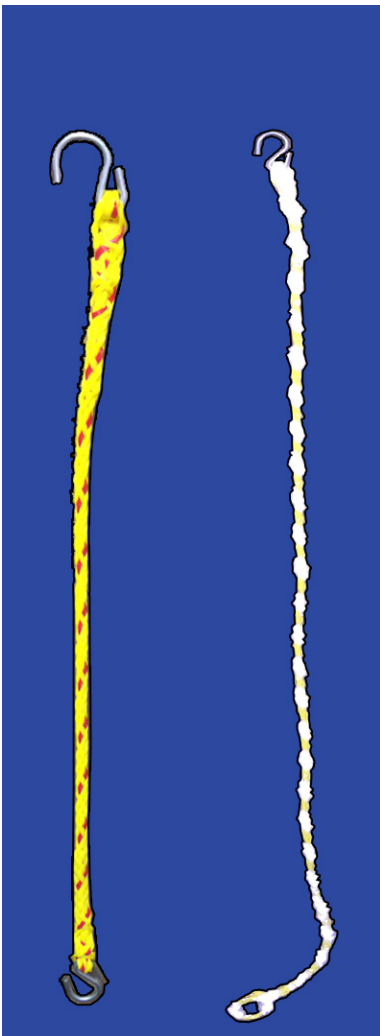
**DCSI - Portable Cache Signal Indicator (4 cones in
the shape of a diamond)
PLEASE SEE MSHA DIAGRAM ABOVE FOR SIGNAL
PLACEMENT**

SDL SUSPENSION:

STANDARD SIZES:

**7SH - 7' Suspension Hanger
10SH - 10' Suspension Hanger**

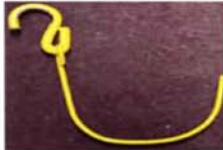
SIZES MAYBE CUSTOMIZED



**AS DEPICTED ON THE LEFT,
SAFETY DIRECTIONAL LINE
MAYBE SUSPENDED FROM
ROOF PLATES PER TIMBER
ROOF CONTROL PLANS
AND ATTACHED TO
SUSPENSION HANGERS.**

RED ZONE COLLAPSIBLE HANGERS FOR PILLARING:

RED ZONE 1-5



RED ZONE 2-5

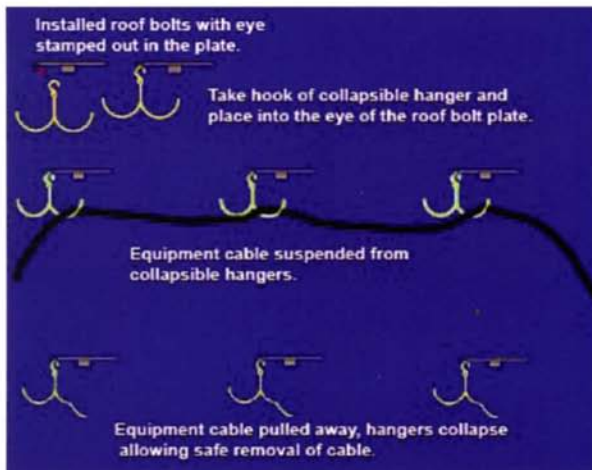


MSHA's Accident Prevention Program
Innovative Products

Collapsible Cable Hangers

**Safety
and
Health
are
Values!**

Collapsible/disposable hangers are designed for hanging mining equipment power cable(s) in areas that will eventually be unsafe to travel, more particularly, mobile roof support systems. The collapsible hangers stay in the roof plate and let the cable drop upon cable retraction. This will help reduce exposure to adverse roof by keeping the miner from returning to the hanger to take out the cable.



Cable hangers of different configurations and strengths are on the market. Certain ones are designed to yield and are for temporary duty situations.

For information on manufacturers that are known to MSHA to have such products available, contact MSHA's Approval and Certification Center at 304-547-0400 or e-mail InnovativeProducts@dol.gov.

Issued: 12/19/2005

Tag # AP2005-91733

MINER ROPES:

**FOR RESTRAINING CABLE IN A POWER MOVE
(DEPICTED METHOD - HALF HITCH)**

STANDARD SIZES:

MR5 - 5' Miner Rope & MR8 - 8' Miner Rope

